

ILLINOIS STATE

Undergraduate Catalog 2000-2001



ILLINOIS STATE
UNIVERSITY





- 1 Adelade Soccer Field - A3
- 2 Allen Theatre - E6
- 3 Alkin Hall - D2
- 4 Barton Hall - D4
- 5 Bone Student Center/Bradren Auditorium - B6
- 6 Bowling & Billiards Center (BBC) - B8
- 7 Campus Dining Services - A6
- 8 Capen Auditorium - C6
- 9 Cardinal Court - A5
- 10 Centennial East (CE) - E7
- 11 Centennial West (CW) - E6
- 12 Center for Intercultural Relations - B8
- 13 Center for the Visual Arts and University Art Galleries (CVA) - E5
- 14 Colby Hall - D2
- 15 Cook Hall (CH) - C6
- 16 DeGarmo Hall (DEG) - C5
- 17 DeGarmo Hall (DEG) - C5
- 18 Edwards Hall (EDW) - C6
- 19 Evenden University - D10
- 20 Eyestone School Museum - B1
- 21 Facilities Planning Building - E1
- 22 Fairchild Hall (FH) - C4
- 23 Feeney Dining Center - D3
- 24 Fall Hall (FEL) - C5
- 25 Fairley Hall of Science (FHS) - C8
- 26 Golf Course, Illinois State University (GC) - A3
- 27 Green Food Service Building, John A6
- 28 Hamilton Hall - D3
- 29 Hancock Stadium - B4
- 30 Harris Physical Plant, Carter - A5
- 31 Hayden Auditorium - C5
- 32 Haynie Hall - B2
- 33 Heating Plant - C5
- 34 Heating Plant - C5
- 35 Honors Program - D10
- 36 House Field House (HTN) - B3
- 37 House Hall (Administration) - C8
- 38 Hudelson Building - B5
- 39 InfoCentre - B6
- 40 Instructional Technology Services Building - C3
- 41 Julian Hall (JH) - C8
- 42 Kemp Recital Hall - E6
- 43 Linkins Dining Center - B2
- 44 Manchester Hall - C10
- 45 McCormick Hall (MCH) - D5
- 46 Metcalf School, Thomas (MLS) - C5
- 47 Milner Library (MLB) - C7
- 48 Motorcycle Driving Range - A2
- 49 Motorcycle Safety Program Office - B7
- 50 Moulton Hall (MLT) - C7
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ILLINOIS STATE UNIVERSITY
Undergraduate Catalog

2000-2001

Effective May 17, 2000

Visit our Illinois State University website at <http://www.ilstu.edu>

University Offices

University Operator:.....	(309) 438-2111
Admissions:.....	438-2181; www.ilstu.edu/depts/admissions/
Extended University:	438-5288; www.exu.ilstu.edu/
Financial Aid:	438-2231; www.fao.ilstu.edu
Records:	438-3408; www.arr.ilstu.edu/Registrar
Registration:	438-2188; www.arr.ilstu.edu/Registrar/
Residential Life:	438-8611; www.orl.ilstu.edu/
Undergraduate Evaluations:	438-2282; www.arr.ilstu.edu/Registrar/
Veterans Affairs:	438-2207; www.arr.ilstu.edu/Registrar/

The statements in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and Illinois State University. The course offerings and requirements of the University are continually under review and revision. This catalog presents those in effect at the time of publication. Courses listed in this publication are subject to revision without advance notice and are not necessarily offered each term or each year.

Information regarding changes will be available in the Offices of the Registrar, the Provost, and the major departments. It is especially important that each student note that it is his or her responsibility to be aware of current graduation requirements for a particular degree program.

Illinois State University is committed to non-discrimination on the basis of race, color, religion, sex, national origin, sexual orientation¹, ancestry, age, marital status, physical or mental disability, unfavorable discharge from military, or status as a disabled veteran or veteran of the Vietnam Era in all programs, activities, and employment practices² for students and employees.

Further, Illinois State University is committed to a comprehensive program of Affirmative Action to ensure access, equity and fairness in educational programs, related activities and employment for minorities, women, individuals with disabilities, disabled veterans and veterans of the Vietnam Era. Copies of the Affirmative Action Plan are available for inspection during regular business hours in the following offices: Academic Personnel, Diversity and Affirmative Action, Human Resources, and Milner Library.

The Office for Diversity and Affirmative Action is responsible for administering and monitoring Illinois State University's Affirmative Action Plan, Plan for Diversity and equal opportunity/affirmative action policies and procedures. Inquiries about or complaints alleging violation of the University's equal opportunity/affirmative action policies should be directed to the Office for Diversity and Affirmative Action. The Title IX Coordinator and the ADA/504 Coordinator may be reached at the same office.

¹The expansion of Illinois State University's policy is within the scope of law except for sexual orientation. The elimination of this form of invidious discrimination is based solely upon University policy and is to be resolved within existing University procedures.

²Except where sex, age, or lack of disability is a bona fide occupational qualification.

Confidentiality of Student Records

In accordance with the Family Educational Rights and Privacy Act of 1974, Illinois State University students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution unless the student waives this right in writing. It also ensures that records cannot be released in other than emergency situations without the written consent of the student except in the following situations:

1. to officials of other schools or school systems in which the student seeks or intends to enroll, upon condition that the student be notified of the transfer, receives a copy of the record if desired, and has an opportunity for a hearing to challenge the content of the record;
2. to authorized representatives of 1) the Comptroller General of the United States, 2) the Secretary of the U.S. Department of Education, 3) State educational authorities, or 4) authorized representative of the Attorney General for law enforcement purposes;
3. parents of a dependent student as defined in Section 152 of the Internal Revenue Code of 1954. (The student will be notified of any such request by University personnel contacting the student and/or by sending a letter to local and home address);
4. organizations conducting studies for, or on behalf of, educational agencies or institutions, provided the study is conducted in a manner that does not permit personal identification of parents and students by individuals other than representatives of the organization and that the information is destroyed when no longer needed for the purposes for which the study was conducted;
5. accrediting organizations to carry out their accrediting functions;
6. to comply with a judicial order or lawfully issued subpoena. (The student will be notified of any such request by University personnel contacting the student and/or by sending a letter to local and home address);
7. to other school officials, including faculty within the educational institution or local educational agency who have legitimate educational interests;
8. to Financial Aid staff in connection with the student's application for, and receipt of, financial aid;
9. where the information is classified as directory information. The following categories of information have been designated by the University as directory information: name, address, telephone number, date and place of birth, photographic image, major, class, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance and course load status, candidacy for degree, degrees (including date awarded) and awards received, and the most recent previous educational agency or institution attended by the student. If a student does not wish such information released without consent, he or she should notify the Registration Office, 209 Julian Hall, Campus Box 2204, prior to the first day of classes;
10. disclosure is in connection with a health or safety emergency, and the information is necessary to protect the student or other persons;
11. disclosure is to an alleged victim of any crime of violence as that term is defined in Section 16 of Title 18, United States Code.

Questions concerning this law and the University's policy concerning release of student information and the procedures for contesting the content of cumulative files may be directed to the General Counsel, Hovey Hall 208, Campus Box 1010, (309) 438-8999.

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University Calendar, 2000-2001

2000
2000 Summer Session

May 22	Opening of summer session.
May 29	Memorial Day holiday.
June 2	Last day for undergraduate students to apply for graduation at end of summer session.
July 4	Independence Day holiday.
August 11	Summer session ends.
August 15	Grades due by 9:00 a.m.

2000 Fall Semester

Aug. 14-20	Registration and program change. Please see <i>Class Registration Directory</i> for specific registration schedule.
Aug. 20	Last day to withdraw from classes with a full refund of tuition and fees.
Aug. 21	Classes begin.
Aug. 23	Last day for late registration.
Aug. 23	Last day for program change.
Sept. 4	Labor Day holiday.
Sept. 22	Last day for undergraduate students to apply and pay fee for graduation in December.
Sept. 22	Last day to withdraw or to remove credit/no-credit option from a full semester class.
Oct. 13	Fall break.
Oct. 14	First half of semester ends.
Oct. 16	Second half of semester begins.
Nov. 22	Thanksgiving vacation begins at 5:30 p.m.
Nov. 27	Classes resume.
Dec. 9	Last day of classes.
Dec. 11-15	Evaluation and review period.
Dec. 15	Fall semester ends.
Dec. 16	One hundred forty-second Commencement.
Dec. 19	Grades due by 9:00 a.m.

2001 Spring Semester

Jan. 8-14	Registration and program change. Please see <i>Class Registration Directory</i> for specific registration schedule.
Jan. 15	Martin Luther King, Jr. holiday.
Jan. 15	Last day to withdraw from classes with a full refund of tuition and fees.
Jan. 16	Classes begin.
Jan. 18	Last day for late registration and course changes.
Jan. 18	Last day for program change.
Feb. 9	Last day for undergraduate students to apply and pay fee for graduation in May.
Feb. 16	Last day to withdraw or drop the credit/no-credit option from a full semester class.
Mar. 10	First half semester ends. Spring vacation begins at noon.
Mar. 19	Classes resume.
May 5	Last day of classes.
May 7-11	Evaluation and review period.
May 11	Spring semester ends.
May 12	One hundred forty-third Commencement.
May 15	Grades due by 9:00 a.m.

The University will accommodate, within reason, students whose religious obligation requires absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

2001

January							February							March							April							May						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
28	29	30	31				25	26	27	28				25	26	27	28	29	30	31	29	30						27	28	29	30	31		

May						
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October						
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November						
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December						
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USING THE CATALOG

Entering the world of higher education in general and Illinois State University specifically can be overwhelming. There are challenges to conquer before the semester even starts, as you learn the basics of how to buy books, figure out where your classes meet, interpret terms used in the campus community, and begin to build new relationships.

Realizing you may feel overwhelmed with information about policies and procedures, the University provides this *Undergraduate Catalog* as a guide to answer some of your basic questions and guide you in the right direction when you need assistance.

This publication contains important facts about academic programs and requirements, admission, costs, financial aid, housing, and student services and activities of Illinois State.

In the chapters that follow you will find general information about the University's history, mission, and environment. Valuable tips for becoming more familiar with the campus community and involved in a variety of activities are included, in addition to suggestions for staying informed of both academic and social information important to your success as a student.

You are encouraged to review the entire *Undergraduate Catalog* carefully to gain an overview of the opportunities offered by the University, as well as the University's expectations of you. For specific information about particular concerns, consult either the Table of Contents or the Index.

In this catalog you will find descriptions of a wide variety of undergraduate programs (majors and minors) in more than 70 separate fields of study. Review the departmental section for an understanding of the requirements for each of these specific programs. In addition, the Academic Policies and Practices section details the general requirements necessary for completion of the undergraduate degree.

You also will find in this catalog descriptions for the undergraduate courses offered by the 34 academic departments of the University. Please note you will need to consult the *Class Registration Directory* to learn what specific courses are offered in a given semester.

UNDERGRADUATE CATALOG REQUIREMENTS

For a student who attends at least one term of each academic year, graduation requirements are specified in the *Undergraduate Catalog* for the year of entry to the University. If attendance is not continuous, a student must meet the requirements specified in the *Undergraduate Catalog* in effect when he or she reenters the University. If such a student continues in the curriculum chosen originally, the hours earned in meeting the requirements of the original program may apply to the hour requirement of a revised program.

In all instances, the University may adjust graduation requirements to ensure that each graduate of a teacher preparation curriculum meets the course requirements for an Illinois Teaching Certificate.

A student who transfers from an Illinois public community college to this university may choose to meet graduation requirements specified in the Illinois State University *Undergraduate Catalog* in effect at the time the student entered the community college if 1) attendance was not interrupted, and 2) transfer to Illinois State occurred within nine months of attendance at the community college.

Since University programs are constantly evaluated and improved, a student may graduate under new requirements published while he or she is in attendance at the University. **A student who changes to new *Undergraduate Catalog* requirements, however, must meet all the requirements including General Education and graduation requirements, in that catalog.**

GLOSSARY

In reading this catalog, you may encounter some words or phrases that are unfamiliar. The following list defines terms frequently used within the Illinois State community and will help you more easily understand information you will receive from the University.

Academic Affairs One of the four major divisions of the University, headed by the Vice President and Provost that focuses on educational needs of students.

Academic Good Standing A minimum cumulative grade point average of 2.0, which is required for continued enrollment in the University.

Academic Progress Alert A notification sent to students in the first half of the semester of their potential grades in 100-level classes.

Academic Progress Summary The University's assessment of a student's work toward completing graduation requirements for the bachelor's degree.

Academic Year The period of time commencing with the fall semester (16 weeks) and continuing through the spring semester (16 weeks) and summer term (12 weeks).

Advanced Placement Program Sponsored by the College Entrance Board, this program allows students to be awarded credit or exemptions from required courses based on test scores.

Also offered as (cross-listed course) means that the specified courses are identical and are thus considered interchangeable in meeting all requirements.

Alumni Individuals who have attended or graduated from a particular college or university.

Audit The completion of a course taken without credit.

Bachelor of Arts (B.A.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; required field(s) of study; and a foreign language course.

Bachelor of Fine Arts (B.F.A.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; and art or theatre field of study requirements for B.F.A. degree.

Bachelor of Music (B.M.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; and music field of study requirements for B.M. degree.

Bachelor of Music Education (B.M.E.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; music field of study requirements for B.M.E. degree; and Professional Education requirements.

Bachelor of Science (B.S.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; field(s) of study requirements; and an additional course in science, mathematics, statistics, and technology beyond the General Education requirements.

Bachelor of Science in Education (B.S. in Ed.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; Teacher Education approved major; and Professional Education requirements.

Bachelor of Science in Nursing (B.S.N.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; and nursing field of study requirements.

Board of Trustees The governing body for Illinois State University.

Clinical Experience A part of the program that allows for observation, participation, studies of individual pupils or clients, individual field work, and practicums both on and off campus.

College Level Examinations Program (CLEP) A program that allows students to receive credit by examination rather than completing course work.

Connections Freshmen learning communities that offer students the opportunity to take courses together, share an academic advisor, and participate in special activities.

Credit Hour A standard unit of measuring course work; credit hours are assigned to a particular course and count toward graduation. Typically a course that meets for three hours a week is worth three credit hours.

Cross-listed Course Course offered by more than one department, but treated as one course for credit purposes.

Curriculum A program of study covering the entire undergraduate or graduate career and designed to satisfy the requirement for a degree.

Daily Vidette, The Illinois State's student newspaper, published Monday through Friday during the academic year except for semester breaks and once a week during the summer. Articles and notices are directed toward the interests of students and employees.

Dean The highest administrative officer of a college.

Department Chairperson An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

Enrollment Verification Undergraduate students for Fall/Spring are considered full-time if they are enrolled 12.0 or more semester hours, half-time if they are enrolled fewer than 12.0 but at least 6.0 semester hours, and part-time if they are enrolled fewer than 6.0 semester hours. Undergraduate students for Summer are considered full-time if they are enrolled 6.0 or more semester hours, half-time if they are enrolled fewer than 6.0 but at least 3.0 semester hours, and part-time if they are enrolled fewer than 3.0 semester hours.

Escrow Credit: Credit awarded to registered nurses for their previous learning in the field of nursing.

Free Application for Federal Student Aid (FAFSA) The form required for financial aid consideration at Illinois State.

General Education Program The integrated 45 credit hour foundation courses in subjects outside a student's major that must be completed to obtain a baccalaureate degree.

Grade Point Average (GPA) The total number of grade points divided by the total graded semester hours attempted at Illinois State University.

Illinois Board of Higher Education (IBHE) The board that oversees and coordinates all public higher education in Illinois.

Independent Study Intensive study in a special area of the student's interest under the direction of a faculty member. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of 6 semester hours may be applied toward graduation.

Institute Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Courses taught as institutes are designated by the number 397.

Interdisciplinary A program or course that spans two or more academic disciplines.

Major A cohesive combination of courses, including introductory, intermediate, and advanced course work, that designates a student's primary area of specialization.

Matriculation Enrollment in a degree-granting program at a college or university.

Minor A combination of courses designed to provide a cohesive introduction to an area of study beyond the major. Minors are designated on University transcripts upon receipt of degree.

Nonresident A student whose principal residence is not in Illinois.

Nontraditional Student A student who does not fit the typical profile of undergraduate students.

Not for or if had (course) means that content overlap exists between the specified courses that students should not be able to count both toward graduation. Such courses are not, however, considered interchangeable in meeting all requirements.

Passages A variety of social activities scheduled at the beginning of the fall semester to integrate students on campus.

PIN Personal Identification Number. Unique number assigned to each student for registration and identification purposes.

Prerequisite Specific requirements that must be completed prior to enrolling in a given class, program, or field of study.

Preview A two-day program held during the summer to orient students and their families to campus.

Professional Practice Professional Practice consists of academic/career related work experiences completed for credit either on campus or at a place of business. They may or may not be salaried. A maximum of 16 credit hours may count toward graduation.

Provost The Vice President for Academic Affairs who is responsible for all academic matters.

Quad The open green space at the heart of the campus that is surrounded by academic and administrative buildings.

Research A specific investigation consisting of creating and expanding basic knowledge.

Semester A semester at Illinois State is the 16-week academic session offered each fall and spring.

Seminar A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Sequence A subdivision of a major in which there are specific requirements. Sequences of the same major generally share a common core within a major. Sequences are designated on University transcripts upon receipt of degree.

SIAS The Student Information Access System, accessed through the world wide web or any computer terminal with access to the University mainframe, allows students to register for classes and provides information on: course availability, semester class schedule, admission to teacher education and status, course articulation information, address verification or change, financial aid status, student accounts summary and academic records.

STAR + The voice response system students may use for course registration, attendance confirmation, academic transcripts, and financial aid information.

Student Affairs One of the four major divisions of the University, headed by the Vice President and Dean of Student Affairs that focuses on personal and nonacademic needs of students.

Student Code Enforcement and Review Board (SCERB) The board that supervises the enforcement of student policies and regulations.

Syllabus A document describing the objectives, outcomes, assessment activities, and structure of a course.

Temporary Course Credit courses that often are used to experiment with a new curriculum, take advantage of the skills of a faculty member who will be at the University for a limited period, or respond to particular interests of students. Temporary courses may not be required within a major or sequence.

Topics Course An organization of subject matter and related learning experiences composed of identifiable subdivisions of topics. The content of the course varies by semester.

Transcript The University's official record of credit or degrees awarded, including the courses taken by a student and the grades received in each course.

Transfer Registration Days Advance registration periods for transfer students; also includes orientation for new transfer students.

University Advancement One of the four major divisions of the University, headed by the Vice President for Institutional Advancement that focuses on public outreach and fundraising.

University Center for Learning Assistance (UCLA) This center provides academic assistance in a variety of subjects through individual and group tutoring, courses, and seminars.

University College An academic unit that provides academic support to all students, advising all freshmen and students who have not chosen a major or been admitted to major programs, as well as students who need help improving their academic skills.

Workshop Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses.

WGLT A national public radio station affiliate licensed to Illinois State.

THE CAMPUS AND THE COMMUNITY

When Illinois State Normal University opened its doors in October of 1857 to 43 students, its founders must have known they were providing more than a curriculum and classroom. They were literally building a community where teaching and learning would become not just a motto, but a way of life.

Established as Illinois' first public university, Illinois State started with a mission focused on meeting a demand for teachers. The University's founders, including Jesse W. Fell, made provisions from the start for an expanded educational mission that now exceeds even their most ambitious expectations to include a broad scope of academic programs, research, and public service.

Now a coeducational, residential university, Illinois State places a strong emphasis on undergraduate study. The University has one of the largest undergraduate programs in Illinois, with six colleges and 35 academic departments that offer more than 160 major/minor options. The Graduate School coordinates 43 master's, specialist, and doctoral programs.

Illinois State's physical beauty and ideal location near the geographic center of the state make it easy to establish a home away from home and appreciate this dynamic multipurpose university.

ILLINOIS STATE UNIVERSITY MISSION STATEMENT

Illinois State University is a student-centered, multipurpose institution committed to providing undergraduate and graduate programs which are of the highest quality in the State of Illinois. The central mission of the University is to expand the horizons of knowledge and culture among students, colleagues, and the general citizenry through teaching and research.

Illinois State University recognizes that teaching and research are mutually supportive activities. Therefore, while developing student potential through superior teaching is the first priority of the University, the promotion of research which is recognized at national and international levels is also a high priority. Illinois State University is committed to public service activities which complement the teaching and research interests of the faculty. The University

is committed to expanding student involvement in learning through the provision of outstanding campus-life programs and activities. The goals of Illinois State University are to:

- provide the premier undergraduate education in Illinois;
- provide premier graduate education in selected areas;
- provide an academic atmosphere which nurtures intellectual activity within the University community;
- support research and creative activity which are recognized at national and international levels;
- engage in public service and economic development activities which complement the University's teaching and research functions;
- expand and strengthen graduate programs in areas which build on the strengths of undergraduate programs and/or which have a unique educational focus;
- provide opportunities for students to increase their capacity for inquiry, logical thinking, critical analysis and synthesis, and to apply these abilities in the pursuit of one's discipline;
- increase understanding of global and national interdependence and expand knowledge and understanding of other cultures in the context of a multicultural society;
- provide co-curricular activities, programs, and services that augment the formal education of students and maximize their involvement in the educational process;
- provide access and services for students from underrepresented groups and students with special talents;
- encourage academic diversity by supporting the unique missions and strengths of each of the colleges.

UNIVERSITY COMMITMENT TO DIVERSITY

Illinois State University's commitment to diversity exists at the highest level. The Board of Trustees and the Office of the President have approved a University Plan for Diversity. Part of that Plan is to make known to individuals seeking information about Illinois State University that it is committed to a series of goals and actions to continually enhance the climate for diversity on campus.

ACCREDITATION

Illinois State University is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools (NCA-CIHE). For further information regarding this accreditation, contact NCA-CIHE at 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602, Phone (312) 263-0456. In addition, various programs hold discipline-based accreditation. The University is associated with the following professional agencies:

Accreditation Association for Ambulatory Health Care
 Accreditation Board for Engineering and Technology, Inc.
 American Assembly of Collegiate Schools of Business
 American Association of Family and Consumer Sciences
 American Chemical Society
 American Dietetic Association
 American Health Information Management Association
 American Psychological Association
 American Society for Safety Engineers
 American Speech-Language-Hearing Association
 Commission on Accreditation of Allied Health Education Programs
 Council for Accreditation of Counseling and Related Educational Programs
 Council on Social Work Education
 Illinois State Board of Education
 International Association of Counseling Services
 National Association of Industrial Technology
 National Association of Music Therapists
 National Association of Schools of Art and Design
 National Association of Schools of Music
 National Association of Schools of Theatre
 National Athletic Training Association
 National Council for Accreditation of Teacher Education
 National Environmental Health Science and Protection Accreditation Council
 National League for Nursing Accrediting Commission
 National Recreation and Park Association
 North Central Association of Colleges and Schools

CAMPUS PROFILE

Illinois State's tree-shaded campus covers 850 acres and provides a study of varying architecture with 60 major buildings, most of which are less than 30 years old and accessible to individuals with disabilities. Buildings range from the castle-

like appearance of Cook Hall to the modernistic dominance of the 28-story Watterson Towers residence hall and the recently completed high-tech Science Laboratory Building.

Classrooms are centrally located, conveniently surrounded by Milner Library, residence halls, athletic arenas, and facilities set aside for recreational or social activities. For destinations that may be too far to walk, a bus service known as Nite Ride runs from 7 p.m. to 1 a.m. around the campus at no cost to students with a valid ID. It also accommodates students with disabilities unable to use the regular bus system and those students who live in areas not serviced by established city routes.

Campus facilities include:

- Milner Library, which has more than 1.4 million catalogued books, 400,000 government publications, nearly 2 million pieces of microform, close to 500,000 maps, and over 25,000 audio and video recordings. Milner Library offers 24-hour service from Sunday through midnight Friday.
- Bone Student Center, including 3,500-seat Braden Auditorium and the adjacent Bowling and Billards Center.
- 13 residence halls.
- The Science Laboratory Building, a state-of-the-art facility that provides to students and faculty new opportunities for instruction and research.
- Student Services Building, including a modern, accredited, comprehensive health service.
- 18-hole championship golf course, 11 tennis courts, and a Student Recreation Center that offers features of a full-service health club.
- Redbird Arena and Horton Field House, which seat 10,005 and 8,000 respectively.
- Numerous visitors' attractions that include a planetarium, one of the largest art galleries for rotating displays in the state, a fully operational 350-acre farm that is home to the state's only aquaculture center, and the Jesse Fell Arboretum that includes more than 4,000 trees representing more than 100 species.

STUDENT PROFILE

Students who choose Illinois State come from across the state, the nation, and around the globe. The diversity that exists within the student body enriches all aspects of the collegiate experience and makes the living and learning environment especially dynamic.

The academic success students achieve at Illinois State is apparent in the University's graduation, placement, and satisfaction rates. Sixty five percent of first-time freshmen graduate from Illinois State University. Eighty percent of alumni surveyed are employed in a full-time job closely related to their baccalaureate major and 93 percent of these respondents felt that Illinois State prepared them for their position.

FACULTY PROFILE

Talk to those who have attended Illinois State and you will discover faculty members are consistently identified as one of the University's most treasured resources. The reason is a commitment faculty make to provide students personal attention that is truly unique at an institution as large as Illinois State.

The vast majority of Illinois State's 800 full-time and 150 part-time faculty members hold the highest degrees in their field. Since 1953 a total of 46 Illinois State faculty have been selected as Fulbright Scholars, participating in the United States government's international educational exchange program.

Faculty share their expertise beyond the expected lectures and laboratory sessions, giving students the opportunity to participate in scholarly research. Student work done in collaboration with distinguished professors and outstanding university researchers is showcased each spring in the Undergraduate Research Symposium.

COMMUNITY PROFILE

Illinois State is located in the twin-city community of Bloomington-Normal, with a population of approximately 100,000. Centrally located just 137 miles southwest of Chicago and 164 miles northeast of St. Louis, the community is situated at the crossroads of three major interstates as well as along the Chicago and St. Louis railroad corridor. One of the fastest growing areas in Illinois, Bloomington-Normal enjoys a strong economy that is built on a blend of insurance, education, agribusiness, and industry.

The community has been rated the second safest college town in Illinois and the ninth safest in the Midwest by the authors of *Crime at College: The Student Guide to Personal Safety*. The book's safety profiles were compiled from FBI criminal statistics and represent a national perspective.

ALUMNI SERVICES AND FOUNDATION OFFICES

Alumni Services: Alumni traditions were begun in 1863 with the first Alumni Associate meeting. Alumni Services now offers activities and assistance to all Illinois State University alumni and coordinates all programs of the 135,000 member Alumni Association. With offices in the Bone Student Center and on Michigan Avenue in Chicago, Alumni Services' primary goal is to act as liaison between the University and its alumni locally, nationally, and throughout the world.

Together with the Illinois State Alumni Association, Alumni Services staff provide the campus community assistance in staying connected to graduates and building pride in students currently enrolled. The office assists in meeting the changing needs of alumni, planning outreach activities that keep alumni connected, and nurture a lifelong bond between the University and its graduates through programs like:

- *Illinois State Today*, the alumni newspaper
- Geographic chapters
- Reunions, Homecoming, special events
- Travel Programs
- Credit cards
- Insurance opportunities
- Awards recognizing alumni
- Alumni records and directory services

Current students have the opportunity to become involved through the Student Alumni Council (SAC), a registered student organization with headquarters in the Alumni Services Office in Bone Student Center (309) 438-2586. SAC is open to all students and serves to link Illinois State University's past, present, and future. Members of the organization are active in many campus events and help to promote university pride. Alumni Services also coordinates Student Ambassadors, an elite group of students selected and trained to represent the campus to visitors and distinguished guests.

Foundation: The Illinois State University Foundation is a not-for-profit corporation chartered by the State of Illinois for the sole purpose of soliciting, receiving, holding, investing, and administering gifts, grants, real property, historical papers, collections, and other materials which support and enhance educational opportunities at Illinois State University. It also supports an office in Chicago and oversees the management of Ewing Manor. Policies for the Illinois State

University Foundation are overseen by an elected Board of Directors comprised of alumni and friends of the University, and ex officio campus representatives.

Unrestricted gifts enable the University to achieve a higher level of quality because the resources can be distributed where the need is greatest. However, gifts and grants may be designated to support specific colleges, departments, and educational programs. Bequests, charitable remainder trusts, and other planned and deferred gifts also are processed through the Foundation.

All gifts made to the Illinois State University Foundation are tax deductible as provided by law. Further information about the Foundation may be obtained by contacting the Vice President for Institutional Advancement, (309) 438-7681.

GOVERNANCE

The Academic Senate is the major internal governance body of the University. The Senate acts in legislative and advisory roles with regard to University policies involving faculty and stu-

dents, academic programs and planning, and University concerns. Based upon the concept of shared governance, the 51-member Senate's representatives consist of 28 faculty members, 19 students, 3 Vice Presidents, and the President of the University.

Through the Academic Senate and its external committee system, students, faculty and administrators share in the study and development of policy. Students are encouraged to participate in the Senate-appointed committees and councils such as Academic Planning, Academic Standards, Athletic Council, Council for Teacher Education, Honors Council, Council on General Education, Education, Entertainment, Library, Reinstatement, Student Code Enforcement and Review Board (SCERB), and University Curriculum. Students also participate as members of college and departmental councils and serve on search and ad hoc committees. Application forms for committees are available from the Academic Senate Office, Campus Box 1830, Hovey 208; (309) 438-8735; E-mail address: acsenate@ilstu.edu



MAKING THE TRANSITION

Making the transition from your home environment to the collegiate lifestyle you will enjoy at Illinois State University is truly an exciting and emotional experience. You are joining thousands of students, all of whom have journeyed to the campus from different lifestyles and arrived with unique sets of skills and interests.

You will find you share a common bond with each of your peers, all of whom will experience the mix of anticipation and apprehension that accompanies your initial days as an undergraduate. As the new becomes familiar, however, you will find yourself immersed in an exciting atmosphere ripe with learning and life-changing opportunities.

You soon will realize Illinois State is committed to providing you with an excellent academic experience. Through the personal attention of faculty esteemed in their areas of expertise you will gain unique academic opportunities that will challenge you today in preparation for the professional tests you undoubtedly will encounter in the future.

The University makes a special effort to increase student involvement in the expansion of knowledge through active participation in research, teaming students with professors through collaborative projects and faculty-student mentorships. The campus learning environment is expanded through new applications of instructional technology as well as internships that connect students with the world outside the University through programs in a variety of fields. Others become involved in community service activities that link academic issues and skills with societal issues and concerns. Still other students seek a global perspective that is readily available through multiple international exchange opportunities.

Whether you are enrolling directly from high school or entering the University as a transfer student from another institution, you are making one of the most memorable changes of your life.

While questions and concerns inevitably will surface, the transition to Illinois State can be exciting and enjoyable. The key to a smooth transition often is found in knowing how to easily access information. This chapter addresses some of the most common issues you and your family will likely face as you begin to explore the University.

MAKING THE TRIP

Illinois State is conveniently located at the intersection of three interstates and can be reached by bus, train, and air service. Please refer to the maps in this catalog to help in your travel plans.

VISITING THE CAMPUS

The Office of Admissions encourages students and families to visit campus at their convenience or participate in one of several open houses during the summer, fall, or spring. The Office, which is located in 201 Hovey Hall, is open from 8 a.m. until 4:30 p.m., Monday through Friday, and from 9 a.m. until noon on some Saturdays. Appointments may be made with an admissions representative to discuss programs, services, and facilities. Campus information sessions, which include a walking tour of campus, begin at 10 a.m. and 1 p.m., Monday through Friday, and 10 a.m. on some Saturdays. Appointments may be made by contacting the Office of Admissions, Campus Box 2200, Normal, IL 61790-2200, or by calling (309) 438-2181 or 1-800-366-2478 or Email: ugradadm@ilstu.edu.

The Financial Aid Office is located in Fell Hall and may be reached weekdays from 8 a.m. to 4:30 p.m. by telephone at (309) 438-2231 or Email: askfao@ilstu.edu. Staff see students on an appointment or walk-in basis from 9 a.m. until 4 p.m., Monday through Friday. Individual assistance is provided to students and their families regarding available types of aid, eligibility requirements, application procedures, need determination, employment, and related matters. The Financial Aid web site is www.fao.ilstu.edu/. Please refer to sections on admission policies and financial assistance for additional information.

ADDITIONAL INFORMATION

Individuals comfortable with the Internet will find answers to many of their questions by researching the University's home page at <http://www.ilstu.edu/> on the World Wide Web. You also may wish to contact offices or departments directly by phone using the numbers listed on the following page.

University Operator	(309) 438-2111
Academic Advisement	438-7604
Admissions	(800) 366-24378 or 438-2181
Athletics	438-3639
Disability Concerns	438-5853
Diversity & Affirmative Action ...	438-3383
Financial Aid	438-2231
Graduate School	438-2583
Honors Program	438-2559
International Studies	438-5365
Parent Services	438-3753
Parking Services	438-8391
Records	438-3408
Registration	438-2188
University Housing Services	438-8611
Student Affairs	438-5451
Undergraduate Evaluations	438-2282
University College	438-7604
Veterans Affairs	438-2207

ORIENTATION

Illinois State offers various orientation programs to help you become quickly acclimated to the campus and classroom. These include Preview, Passages, and Transfer Registration Days.

Designed for freshman students, Preview is held each summer as a way to bridge the gap between high school days and college life. A two-day program for students and their family members or guests, Preview includes placement testing, academic advisement, registration, and orientation sessions to the campus and community. Please contact University College for additional information.

Passages is scheduled as the kickoff to the fall semester. A variety of social activities will help you become better acquainted with your classmates. Please contact Office of Student Life at (309) 438-2151 for additional information.

Offered during the on-campus advance registration periods in the fall and spring, Transfer Days provide admitted transfer students the opportunity to meet with their academic advisor, register in advance for classes, and participate in transfer student orientation. Please contact the office of Admissions for additional information.

POINTERS FOR PARENTS

Illinois State encourages parents to stay actively involved in their child's education and makes available a Parents' Guide that addresses common academic questions, as well as how to deal with everything from homesickness to maintaining strong communication. The guide also explains how parents can provide remembrances to their student on special occasions or during finals week. Please contact Parent Services to obtain a copy of this helpful publication.

As a parent or guardian of an Illinois State student, you are an automatic member of the Illinois State University Parents Association. This organization provides a direct link to the University and sponsors special events, such as the Family Weekend held each fall. Please contact Parent Services for additional information.

HELPFUL HINTS

Unfortunately not every student who hopes to attend Illinois State is able to enroll, as applications increasingly exceed space availability. For that reason you are encouraged to apply approximately one year in advance.

You also should act promptly if you wish to take full advantage of financial aid opportunities that may be available. To be considered for financial aid you must submit the Free Application for Federal Student Aid (FAFSA) as soon as possible after January 1, 2000. Please refer to the section on financial assistance for additional important information.

HOUSING

If you are entering Illinois State as a freshman or as a sophomore transfer student, you will be required to live in a residence hall. The University operates 13 halls with 22 lifestyle options that you will want to explore as you determine what living situation best fits your needs. Please refer to the section on Campus Experience for additional important information.

UNDERGRADUATE EXPERIENCE

Illinois State University has one of the largest undergraduate programs in Illinois and a distinguished history as the first public institution of higher education in the state. With such a rich heritage, the University has established a long-standing tradition of excellence in undergraduate education. The attention to baccalaureate education is demonstrated repeatedly as the campus community works to implement innovative programs that specifically benefit the undergraduate student.

As an undergraduate you soon will recognize the University is your partner in preparing for your success not only in the classroom but beyond and into the workplace. You will benefit from the invaluable time and expertise shared through individualized faculty attention, as more than 90 percent of undergraduate classes at Illinois State are taught by faculty members.

Fields of Study

The University offers a wide range of bachelor's degree programs available in the following fields of study:

Major and Major/Minor Programs

- Accounting
- Agribusiness
- Agriculture
- Anthropology
- Applied Computer Science
- Art
- Arts and Sciences (General Studies)
- Arts Technology
- Biochemistry/Molecular Biology
- Biological Sciences
- Business Administration
- Business Teacher Education
- Chemistry
- Clinical Laboratory Science
- Criminal Justice Sciences
- Early Childhood Education
- Economics
- Elementary Education
- English
- Environmental Health
- Family and Consumer Sciences
- Finance
- Foreign Languages
 - French
 - German
 - Spanish
- General Studies
- Geography
- Geology
- Health Education

- Health Information Management
- History
- Industrial Technology
- Information Systems
- Insurance
- International Business
- Management
- Marketing
- Mass Communication
- Mathematics
- Middle Level Teacher Education
- Music
- Music Education
- Music Performance
- Nursing
- Philosophy
- Physical Education
- Physics
- Political Science
- Psychology
- Public Relations
- Recreation and Park Administration
- Safety
- Social Sciences
- Social Work
- Sociology
- Special Education
- Speech Communication
- Speech Pathology-Audiology
- Technology Education
- Telecommunications Management
- Theatre

Minor Only Programs

- Cinema Studies
- Cognitive Science
- Community Health
- Consumer Education
- Dance
- East Asian Studies
- Environmental Studies
- Ethnic and Cultural Studies
- Foreign Languages in the Elementary School (FLES)
- Gerontology
- Instructional Media
- International Studies
- Journalism Teacher Education
- Latin
- Latin American Studies
- Legal Studies
- Military Science
- Peace and Conflict Resolution Studies
- Reading
- Religious Studies
- Teaching English to Speakers of Other Languages
- Tourism Studies
- Women's Studies
- Writing

ACADEMIC SERVICES

University College

322 Fell Hall, (309) 438-3842

University College fosters student success and retention by providing comprehensive academic support services and facilitating student transitions to and within the University community. Several programs are coordinated through the University College: New Student Orientation programs (Preview, Passages, and Transfer Days), the Academic Advisement Center, the Academic Enrichment Center, Adult Services Office, Learning Communities (CONNECTIONS), Student Support Services, and the University Center for Learning Assistance.

NEW STUDENT ORIENTATION PROGRAMS

The University is committed to assisting all new students as they enter Illinois State University. This transition is facilitated by a series of programs. New freshmen attend "Preview: Summer Orientation;" new transfer students participate in "Transfer Days;" and all new students are involved in "Passages: Fall Orientation." Brief descriptions of these programs follow.

Arrangements will be made to assist students with disabilities. Notify the Office of Disability Concerns, 350 Fell Hall, regarding any special needs prior to arrival on campus, voice (309) 438-5853 or TDD (309) 438-8620.

Preview—Summer Orientation: During the two-day Preview program in the summer, new freshmen take placement examinations, meet with academic advisors, and register for fall semester classes. There also are opportunities for new freshmen and their family members to discuss issues of campus life with faculty, staff, and current students. Freshmen admitted for a fall semester receive registration materials for Preview in late spring. A fall Preview program is held during the week preceding the first day of the fall semester for a limited number of students who were unable to attend regular summer Preview. New freshmen entering for the spring semester should attend a similar program during the week preceding the first day of classes in January. Further information is available in University College from the Preview Office, 329 Fell Hall, Campus Box 4060, (309) 438-3217.

Passages—Fall Orientation: Passages assists all new students with their transition to Illinois State by holding required academic sessions and special

activities immediately prior to the start of fall semester classes. These activities promote students' sense of community and integration with campus life. Information about Passages is mailed to all new students in late July. Further information is available from the Office of Student Life, 387 Student Services Building, Campus Box 2700, (309) 438-2151.

Transfer Registration Days: Newly admitted transfer students have the opportunity to receive academic advisement, register for classes, and learn more about the University by participating in the one-day Transfer Day program. A series of transfer days are held each term—generally two days are scheduled in the fall for those admitted for the spring semester and three days are scheduled in the spring for those admitted for the summer and/or fall terms. Students receive information about participating in the Transfer Day program after they have been admitted. Students admitted too late to participate in the Transfer Day program are sent information regarding additional advisement and registration opportunities. Further information is available from the Office of Admissions.

ACADEMIC ADVISEMENT CENTER

340 Fell Hall, (309) 438-7604

The Academic Advisement Center provides academic mentoring and advisement to incoming students. Professional and paraprofessional staff help students develop long- and short-ranged educational goals and plans and explore academic majors and career options. Staff provide information about academic requirements and curricula, assist students who are changing majors, and work with students experiencing academic difficulties. Undergraduates with fewer than 24 semester hours, and all General, Pre-Nursing, and Unclassified students are assigned to the Academic Advisement Center; however, other students may seek assistance as well.

ACADEMIC ENRICHMENT CENTER

336 Fell Hall, (309) 438-3019

The Academic Enrichment Center (AEC) engages in activities to enhance the academic success and retention of minority undergraduates and assists the University in realizing its goals for diversity. The Center utilizes a holistic, interactive approach to student needs and fosters a supportive environment for minority students so they can maximize their academic potentials and achieve their educational goals.

A variety of academic support services is available through the Center including individual academic counseling, workshops on various topics of interest to students, information about scholarship, graduate school, and career opportunities, and sessions with minority student organizations. Another unique opportunity is a residential program in a global living and learning community providing financial assistance to selected students who wish to participate in an academic or professional development activity of their choosing.

ADULT SERVICES

340 Fell Hall, (309) 438-7604

Adult Services provides information, referrals, and assistance for students 25 or older who have been away from the classroom setting for a period of time. Academic advisement and some career counseling are available prior to admission and enrollment. Late afternoon appointments and other services are available to meet the diverse needs of the returning adult student. The Adult Learner and Senior Citizen programs are administered through the Academic Advisement Center.

CONNECTIONS

386 Fell Hall, (309) 438-3859

The freshman Learning Communities program, CONNECTIONS, is administered through University College. CONNECTIONS is a special program for freshman students at Illinois State. This program is designed to facilitate the transition to college through increased interaction with faculty and other students and through closer connections between classes and extracurricular campus life. Students in learning communities take some courses together, have the same academic advisor, and participate in special curricular and extracurricular programming.

These programs have been beneficial in helping students adjust to college life, establish friendships with classmates, enjoy greater coherence in their courses, and develop ties between classroom and extracurricular activities. Participation in learning communities has been found to have beneficial effects on the academic accomplishments and graduation rates of participants.

STUDENT SUPPORT SERVICES

374 Fell Hall, (309) 438-2099

The Student Support Services (SSS) program enhances participants' chances for academic success and retention to graduation by addressing barriers commonly encountered by first-generation college and low-income students. SSS provides participants with individualized, intensive academic assistance, including detailed needs

assessment, academic progress reports, referrals to appropriate campus units, and help in developing decision-making skills in the context of higher education. Additionally, participants are given the opportunity to attend on- and off-campus graduate and professional school programs and student leadership conferences. SSS is funded by the U.S. Department of Education in cooperation with Illinois State University.

UNIVERSITY CENTER FOR LEARNING ASSISTANCE

133 Stevenson Hall, (309) 438-7100

The University Center for Learning Assistance provides individual and small group tutoring, short courses, and seminars to students in the following areas: writing, reading, study skills, and various course work. Tutors for the Center are advanced undergraduate students who are trained and experienced in the areas they tutor. Students in specified courses may participate in Supplemental Instruction, small-group study sessions designed to promote active learning. Students who desire tutorial assistance should call or come to the Center. Instructors interested in adding tutorial assistance to their courses should contact the Center Coordinator.

OFFICE OF INTERCULTURAL PROGRAMS AND SERVICES

305 North School Street, (309) 438-8968

The Office of Intercultural Programs and Services is part of the Division of Student Affairs. The mission of the Office is to raise diversity awareness in all students, faculty, and staff, and to facilitate a supportive environment for diverse cultures. The Office sponsors a wide variety of programs, including traditional theme months, and yearlong programming for African Americans, Asian Americans, Latinos/Latinas, Gay, Lesbian, Bisexual and Transgender, Native Americans, and women, in conjunction with MECCPAC (Multi Ethnic Cultural and Co-curricular Programming Advisory Committee). The Office plays a role in developing student recruitment and retention programs and collaborates with faculty and academic departments to enhance in and out-of-classroom experiences.

The Center for Intercultural Relations is a component of the Office of Intercultural Programs and Services and is designed for use by the entire University community. It offers two conference rooms that can be reserved for meetings, seminars or other gatherings, a library with a growing collection of multicultural resource materials, and a relaxed atmosphere for studying and meeting friends. Students or University personnel requiring help or information about available services, are encouraged to contact the Director of the Office of Intercultural Programs and Services.

Distance Education

At Illinois State University, there are courses and programs that a student can complete without physically coming to the Normal campus. These courses are offered in various formats:

Extension: Extension courses are typically taught in traditional formats by Illinois State faculty members at approved off-campus sites throughout the state.

Internet: Internet courses make use of Illinois State's connection to the World Wide Web and other electronic resources. These courses may utilize online materials, courseware, and discussion groups, and may be delivered in an asynchronous mode.

Interactive Television (ITV): These courses originate on site at Illinois State and are broadcast to one or more distant sites in real time with interactive audio/video.

Contract: Contract educational services, programs and courses are delivered through mutual contract to a business site for a specific cohort or business entity.

For courses offered by Illinois State University, no differentiation is made between credits earned on-campus, off-campus or by alternate delivery methods such as the Internet or interactive television. For further information contact the Office of Extended University at 309-438-5288 or view the web site at www.exu.ilstu.edu.

Additional Academic Services

MATHEMATICS TUTOR CENTER

330 Stevenson, (309) 438-8781

The Mathematics Tutor Center provides tutorial assistance to students enrolled in courses in Mathematics. Intensive remedial assistance is not provided. Interested students and faculty should contact the Mathematics Department for additional information.

COMPUTER AND INFORMATION SERVICES

Julian Hall, (309) 438-8800

Campus Technology

Many resources and support services are available to Illinois State students including an Email account, dial-up access, space for data storage and creating personal web pages, software with licensed Internet and anti-virus tools, over 70 computing labs, and access to help/training personnel and activities. Mail can be accessed

through campus webmail or a variety of email clients. Students can obtain registration and financial information via the Student Information Access System. The many services are described from the Campus Technology Support Group's main web site at www.ilstu.edu/ctsg.

All users are responsible for reading and abiding by the Appropriate Use Policy for University Technology Resources. Note that any member of the University community can lose access to their Internet services privileges after repeated or extreme violations of the policy. Some courses require usage of these Internet services, therefore, the loss of this access may prevent a student from completing course work.

Special Academic Opportunities

HONORS PROGRAM

Corner of North and Fell Streets, (309) 438-2559

The Honors Program at Illinois State is designed to provide enriching educational opportunities for academically talented students. Excellent students committed to their own personal development and to rewarding professional careers find that their Illinois State honors education prepares them well for professional schools, graduate schools, and for satisfying employment after they graduate. Honors students enjoy the benefits of a small college in the rich context of a large multipurpose university. The university offers them special courses, taught by the finest professors; close personal advisement by Honors Program advisors; unique opportunities for undergraduate research with world-class faculty scholars; and special living accommodations which bring them into close acquaintance with other honors students in academic and social programs. Successful graduates of the Honors Program attend top law schools, medical schools, and graduate schools; and obtain outstanding employment with national corporations, both within Illinois and in other states. (For further information, see the Honors Program section of this *Undergraduate Catalog* or the webpage at www.ilstu.edu/honors.)

ACADEMIC HONORS

Dean's Lists: Undergraduates who meet high academic standards, as established by the college of their major, are included in a Dean's List issued each semester. Eligible students must complete 12 or more graded semester hours. Courses completed after the official end of the semester and courses taken with a CT/NC option will not be counted for this purpose.

The Dean's List for the Colleges of Applied Science and Technology, Arts and Sciences, Education, and Fine Arts will include those stu-

dents whose grade point averages place them among the top ten percent of those students majoring within the college. The Dean's List in the College of Business will include only undergraduate students majoring in business who have completed 12 or more semester hours with an overall semester grade point in the top ten percent, and at least 3.33 GPA for all courses taken during the semester. Students whose majors do not place them in one of the six academic colleges and whose grade point averages are within the top ten percent of the University are identified on the list of the Associate Vice President for Undergraduate Studies.

Bone Scholars: The designation of Bone Scholar is the highest academic distinction that can be achieved by undergraduate students at Illinois State University. A select number of students are designated annually as Bone Scholars, in honor of former Illinois State University President Robert G. Bone. Bone Scholars are students who combine superior academic records with full personal development through campus and community activities. Nominations to this honor are made by faculty members, and selection of new Bone Scholars is conducted by the Honors Program.

THREE-YEAR DEGREE PROGRAMS

There are several academic programs that can be completed in three years with careful planning and hard work. Each is an ambitious program requiring a rigorous college-oriented high school curriculum. Special academic advisors are available in each program for early and comprehensive counseling throughout the programs.

Further information about three-year degree programs can be obtained by writing to the Three-Year Degree Option advisor, Campus Box 6100, Normal, IL 61790-6100, or calling (309) 438-2559.

UNDERGRADUATE TEACHING ASSISTANTS

Undergraduate Teaching Assistantships (UTA) are available in nearly all departments of the University to juniors and seniors who have demonstrated excellence in a particular discipline and high overall scholastic achievement. The purpose of the program is to assist the faculty in the improvement of instruction and to provide UTAs with a valuable learning opportunity.

Undergraduate Research Assistantships (URA) are available in selected departments for students who have demonstrated excellence in a particular discipline with significant potential in research. The purpose of the program is to work closely with faculty members and to provide students valuable opportunities for research.

The responsibilities and nature of the UTA and URA assignments are determined by the departments and colleges. Some departments provide the opportunity for credit to be earned by the UTA under a General Offerings course (291 Seminar: Undergraduate Teaching Assistants). Three hours is the maximum amount of this credit that may be allowed for graduation. Application forms are available in the departmental and college offices.

UNDERGRADUATE RESEARCH

Honors Program, Corner of North and Fell Streets, (309) 438-2559

Research is considered a vital component in the development of undergraduates at Illinois State. All students have the opportunity and are encouraged to participate in scholarly research during their university experience.

Illinois State explicitly views research as more than the traditional concept of expanding basic knowledge, favoring a definition that requires the application of such knowledge in resolving societal problems. Students have the opportunity to work in collaboration with Distinguished Professors and Outstanding University Researchers. As is true for all research, undergraduate students should ensure that any research projects involving human subjects have been approved by the Institutional Review Board (IRB). Research projects involving animal subjects need the approval of the Institutional Animal Care and Use Committee. If questions exist, discuss this with your faculty supervisor or contact the University Research Office in Hovey 310 at (309) 438-2528.

Student research is showcased each spring in the Undergraduate Research Symposium. Sponsored by the Graduate School, University Research Office, and Graduate Student Association, the Undergraduate Research Symposium enables undergraduate students to present their findings and provide evidence of the active alliance Illinois State promotes among students and faculty from the bachelor's degree level through doctoral programs. In addition to the opportunity to share their research findings on campus, the University provides student financial support for travel to conferences to present their papers and cover publication costs (Also see the Honors Program section of this *Undergraduate Catalog*).

INTERNATIONAL STUDIES AND PROGRAMS

301-311 Fell Hall, (309) 438-5365

The Office of International Studies and Programs provides services for students and faculty, international students and faculty, residents of International House, and participants in the National Student Exchange. It also assists academic departments with intercultural programs.

The Office of International Studies and Programs maintains a reference library with materials on travel, work, immigration and cross cultural experiences. This office also serves as a meeting place for students and faculty who are planning or have recently returned from trips abroad.

Study Abroad (311 Fell Hall): In keeping with the tradition of a liberal education, Illinois State strongly encourages qualified students to consider studying in another country. The purpose of Study Abroad is to enable the student to gain a direct understanding of the intellectual and cultural achievements of another culture. In this way, Study Abroad may contribute toward intelligent citizenship in the world community. Academic programs for a summer session, winter break, a semester, or a year abroad are available to Illinois State students.

The University has programs all over the world. They are located in: Australia, Austria, England, China, France, Germany, India, Ireland, Italy, Japan, Mexico, Russia, Scotland, Spain, Sweden, and Wales. The programs at these centers are designed to be a continuation and enrichment of a student's regular on-campus academic program.

Students who are accepted in these programs remain full-time students at Illinois State, and all courses offered at the centers are part of the Illinois State University curriculum. Thus, students at these centers carry a full academic load for a semester or a year and retain full status as enrolled students at Illinois State.

Most of the courses offered abroad meet general education or major/minor field requirements. The sophomore and junior years usually offer the greatest curricular flexibility for those who wish to study abroad. Some programs are more suitable for advanced study and therefore more appropriate for seniors. Anyone interested in Study Abroad should consult with advisors in the Office of International Studies and Programs.

Numerous summer opportunities are available for Study Abroad. Study programs are offered by a wide variety of disciplines including agriculture, anthropology, art, business, communications, education, foreign languages, history, industrial technology, political science, and general studies.

Students are encouraged, as early as freshman year, to visit with an International Studies advisor to determine which courses they should reserve for study abroad. This ensures the program will not deter students from graduating on time.

International Student and Faculty Advising (308 Fell Hall): The Office of International Studies and Programs also provides services to all students and scholars who are citizens of other countries.

The international advisors provide assistance to foreign students and faculty who must comply with United States Immigration and Naturalization regulations, coordinate campus and community resources and services, and interpret international students' needs and problems to the institution's officials and faculty. The advisors also assist with personal and academic problems, financial aid, hospitality, and housing.

New international faculty and all international students enrolling in the University for the first time should contact the Office of International Studies and Programs in 308 Fell as soon as possible following their arrival on campus.

International House: International House located in Atkin/Colby Residence Hall is a coeducational residence and academic program center for both American and international students. The purpose of the House is to promote cultural interaction and international understanding through social and educational programs. This setting provides opportunities to develop friendships and to encourage mutual respect among students of diverse backgrounds and cultures.

Intensive English Program at English Language Institute: Illinois State University's English Language Institute (ELI) provides a special non-degree intensive program (20-hours per week) in English as a Second Language with equal emphasis on both communicative and academic needs for international students who wish to increase their English proficiency for college-level work or for international students on exchange programs. After the first semester, qualifying students can enroll in one regular University class in addition to their ELI program. In general, students enroll at ELI as full-time students for a semester or more.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a TOEFL score of 550 or equivalent can be admitted to a degree program at the University, provided they also meet the other requirements for admission. Hence, international students who do not have the minimum TOEFL score for admission to a degree program are encouraged to attend ELI first to prepare for admission to such a program at the University. Most students live in the University's campus housing, giving them a

chance to interact with students of all backgrounds. For further information, contact English Language Institute, Campus Box 6123; phone: (309) 438-2072; fax: (309) 438-3031; www.cas.ilstu.edu/English/Eli/eli.html; Email: eli@ilstu.edu.

National Student Exchange (308 and 311 Fell Hall): National Student Exchange (NSE), founded by Illinois State and two other institutions in 1968, is a consortium of institutions established to facilitate the interstate exchange of students at an affordable cost. The NSE membership includes 160 colleges and universities representing 48 states, 3 territories, and 2 Canadian universities located in British Columbia and Quebec. Through NSE students have an opportunity to experience the cultural and geographical diversity of the nation. Students, preferably sophomores and juniors, with a 2.5 cumulative GPA, may study for a semester or year at a member school while paying either Illinois State's in-state tuition or the in-state tuition of the host institution. Financial aid is applicable to this program. Applications for following year placements are available from the middle of October to February 1.

CAREER PLANNING

185 Student Services Building, (309) 438-2200

Career Resources Center: The Resources Center is a good place to learn what is available to assist students in their career search. Located in SSB 185, the Center provides students with resources and information related to any stage of the career process (e.g. assessing interests and abilities, student employment, clarifying career direction, internship opportunities, videotaped practice employment interviews, resume assistance, information about various on-campus career fairs, graduate and professional school information, student registration, and employer interviewing).

STUDENT AND ALUMNI PLACEMENT SERVICES

185 Student Services Building, (309) 438-2200

Student and Alumni Placement Services is a valuable resource for students, alumni, employers, and faculty. Students and alumni are assisted in identifying career opportunities that suit their talents, interests, and education. Assistance is provided in obtaining part-time positions both on and off campus, exploring internship and cooperative education experiences, graduate/professional school opportunities and

permanent full-time employment opportunities. (www.ilstu.edu/depts/SAPS)

Placement Services: Provides individual job-search assistance, computerized resume referral to employers, job listings, on-campus interviewing, and employer outreach. Six Career Fairs are offered throughout the academic year: Senior Day(s), Intern/Co-op Fair, Workforce Diversity Career Fair, Graduate School/Professional School Day and Mid-America Teacher Placement Day, to facilitate students meeting with employers from business, industry, government, education and non-profit agencies. The office coordinates on-campus recruitment and maintains employer literature and videos, job descriptions, labor market outlook and salary information. Placement files containing letters of recommendation are maintained and distributed by request to employers.

Professional Practice: Nationally recognized, this program offers academically qualified students an opportunity to integrate classroom study with one or more terms of paid or unpaid internship or co-op experience in a work environment related to the student academic and career goals. Nearly 6,000 organizations in the U.S. and abroad have served as learning sites. Students interested in enrolling in co-op experiences or internships should contact their Departmental Professional Practice Coordinator or this office early in their undergraduate program so that credit-generating work/learning experiences can be arranged. A maximum of 16 semester hours may be used toward graduation at the undergraduate level.

Cooperative Education -- an educational pattern that allows for alternating or parallel periods of campus study and paid, educationally related work experiences.

Internship -- usually an unpaid experience that typically occurs only once during a student's undergraduate career.

Student Employment: Advertises on and off campus part-time employment opportunities ranging from administrative assistants to paraprofessional positions. Along with a wide array of part-time employment vacancies, on-campus graduate assistantships are posted on the interactive web site at www.ilstu.edu (keyword: *Student Employment*). For additional information regarding part-time vacancies or Graduate Assistantships, contact the office via Email jobs@ilstu.edu or by phone (309) 438-2027, Monday through Friday from 8:00 a.m. to 4:30 p.m.

Preparation for Graduate Study

While many graduates proceed immediately to the working world upon receipt of their bachelor's degree, others choose to pursue their education further.

Requirements for admission to advanced study vary according to the profession as well as among the schools. Thus, a student planning to enter a professional school should seek specific admission information from the school he or she plans to attend. Preparation for admission to a professional or graduate school consists of (1) a broad educational experience, (2) courses that meet the specific admission requirements of the school the student plans to attend, (3) major and minor subjects that allow for concentrated study in a field of interest and that provide an alternative career direction if it becomes desirable, (4) relevant work or research experience, and (5) standardized test scores, such as the GRE, GMAT, LSAT, MCAT, etc.

GRADUATE SCHOOL

310 Hovey Hall, (309) 438-2583

The Graduate School offers masters' degree programs in most fields in which undergraduate programs are available. Doctoral degree programs are available in Biological Sciences, Curriculum and Instruction, Educational Administration, English Studies, Mathematics Education, School Psychology, and Special Education. Also, a Specialist in School Psychology degree is offered.

Students interested in graduate study at Illinois State should consult the *Graduate Catalog* for admission requirements and available programs. It is recommended that undergraduates contemplating future education take the necessary standardized test in the early part of their senior year. These test scores, along with transcripts, usually are necessary not only for admission but to attain various forms of financial support, e.g., Graduate Assistantships. Further information also may be obtained from departmental offices and the Graduate School Office in Hovey Hall or at www.grad.ilstu.edu.

Preparation for Professional Study

HEALTH PROFESSIONS

Students in preprofessional programs for health-related professional colleges usually major in one of the departments in the College of Arts and Sciences. Majors in Biological Sciences or Chemistry usually are elected because several specific preprofessional course requirements can be applied toward a major in these fields. However, a major in any one of a number of other departments in the College is appropriate for many students who have a specific career goal in mind. Economics, foreign languages, mathematics, physics, psychology, sociology, and speech pathology and audiology are several examples of academic areas that have application to specialties within the health professions.

Minimum admission requirements to colleges of medicine, dentistry, and veterinary medicine are discussed below. Further information about admission procedures to these and other health-related professional colleges can be obtained by contacting the preprofessional advisor in the Department of Biological Sciences, (309) 438-8252.

Medicine: Admission requirements of individual medical colleges are set forth in *Medical School Admissions Requirements—United States and Canada*. Orders for this book should be addressed to:

Association of American Medical Colleges
2450 N. Street, NW
Publications Department
Washington, DC 20037-1129
(202) 828-0416

Specific course requirements of medical schools in the state of Illinois can be met by taking the following courses:

Chemistry 140, 141, 230, 231, 232, 233

Biological Sciences 196, 197

Physics 108, 109

Behavior Sciences (9 hours)

Mathematics 145, 146 are recommended

Other specific course requirements usually are met by completion of the General Education program. It should be understood that a careful selection of general education and elective courses beyond the specific admission requirements can make the applicant more competitive.

Although a few students are accepted for enrollment in medical college after completion of 90 semester hours, they are distinct exceptions. Most students should anticipate the completion of the requirements for a bachelor's degree with the following approximate timetable:

1. Completion of specific course requirements by the end of the junior year.
2. Medical College Admission Test taken in April of the junior year.
3. Medical College application process begun in June, preceding senior year.

Dentistry: Admission policies of individual dental schools are set forth in *Admission Requirements of United States and Canadian Dental Schools*. Book orders should be addressed to:

American Association of Dental Schools
1625 Massachusetts Avenue, NW
Washington, DC 20036-2212
(202) 667-9433

In addition to the completion of the General Education program, the following courses would meet the minimum specific course requirements for Illinois dental schools:

Chemistry 140, 141, 230, 231, 232, 233
 Biological Sciences 196, 197
 Physics 108, 109

Most students enter dental school after three or four years of preprofessional studies. The minimum requirement for admission to dental schools in the state of Illinois is two years of college, even though most such applicants are unsuccessful. It is therefore advised that students anticipate at least a three-year program with the following timetable:

1. Completion of specific course requirements by the end of the sophomore year.
2. Dental Admission Test taken in April of the sophomore year or October of the junior year.
3. Dental college application process begun in the fall of the junior year.

Veterinary Medicine: Illinois residents find it exceedingly difficult to gain admission to colleges of veterinary medicine outside the state. Students should therefore direct their attentions largely to the admission policies of the University of Illinois College of Veterinary Medicine.

Specific course requirements: 5 semesters of biology with laboratory, including 3 semesters of 200- or 300-level courses; 4 semesters of chemistry, including organic chemistry and biochemistry; 2 semesters of physics; 2 semesters of English; 4 semesters of humanities and social sciences. One semester of animal science is recommended. Some two-year students are accepted, but the majority of successful candidates have 3 or 4 years of preprofessional study. Students are therefore advised to plan their program for completion of the requirements for admission to veterinary college by the end of the sophomore year. A four-year program leading to a bachelor's degree should be anticipated in the event that early application to veterinary college is not successful.

Students at Illinois State University with 22 credit hours who demonstrate outstanding academic abilities and a strong interest in veterinary medicine may qualify for the University of Illinois Guaranteed Admissions Program to the College of Veterinary Medicine. For further information contact the preprofessional advisor.

ENGINEERING

Illinois State University shares an Engineering Physics program with the University of Illinois. Students begin at Illinois State and transfer to the University of Illinois after 90 hours. Students receive a B.S. in Engineering from the University of Illinois upon completion of their Engineering requirements. They receive a second B.S. in Physics from Illinois State upon transferring back 30 approved hours from the University of Illinois. Students major in Physics while at Illinois State.

The Engineering Physics program is listed under the Physics programs section of the *Undergraduate Catalog*. This five-year program has greater depth than the average engineering curriculum and provides students with the additional mathematical and scientific foundations needed to participate in the rapidly changing technologies of the future. The first years of this program also are suitable preparation for transfer to most engineering schools.

Due to the sequential nature of engineering curricula, it is important that appropriate course selections be made. Interested students should contact the Department of Physics at (309) 438-8756 early in their academic careers for help in planning an appropriate plan of study.

LAW

Law schools do not require any specific courses or undergraduate majors. A committee of the Association of American Law Schools has recommended that the prelaw student keep in mind three basic objectives in planning an undergraduate program: education for articulate oral and written expression; education for greater understanding of human institutions and values; and education to develop the skills of conceptual analysis. The committee has emphasized the need for a broad, liberal education that develops the student's intellectual interests rather than an education directed too pointedly toward later professional training and practice.

Students planning to apply for admission to law school should consult the University's prelaw advisor, Department of Political Science, (309) 438-8638, for assistance in selecting appropriate majors and valuable electives, and for information about the Law School Admissions Test.

CAMPUS EXPERIENCE

Classroom experiences and studying are only a part of the collegiate experience at Illinois State University, where there are many opportunities to make social connections and select lifestyle preferences in a number of residence halls.

At Illinois State you will be encouraged to think of the entire campus environment as a laboratory for learning about life and living. Involvement in the University community develops leadership, enhances the quality of campus life, and fosters respect and appreciation for individual, cultural, and community diversity.

Illinois State makes available avenues for you to test your interests and hone your skills through more than 250 student organizations that provide recreational, entertainment, social, departmental, religious, and general interest activities.

Campus Living

UNIVERSITY HOUSING SERVICES

Residential Life Building, (309) 438-8611
TDD (309) 438-8177

Students with disabilities are requested to contact the Director of Disability Concerns, 350 Fell Hall at (309) 438-5853—Voice, (309) 438-8620—TDD.

RESIDENCE HALLS

The University owns and operates 13 residence halls, providing living accommodations for approximately 7300 students. These facilities include spaces accessible to students with disabilities. The residence halls have been designed to provide not only basic living requirements, but also counseling, advisement, educational, and cocurricular programs. The University regards residence hall living as an important part of University life and requires that certain students reside in the residence halls as a condition of enrollment.

Professional staff, aided by undergraduate Resident Assistants, are responsible for educational programs, policies, and facilities within the residence halls.

In the spring, residence hall applications are automatically mailed to students who have been admitted to the University for the following academic year. Room assignments are made after consideration of each student's preference, not only of location, but also of living style.

The room and board rate in the residence halls for the 2000-2001 academic year is \$4,396 for multiple occupancy and the meal plan 3. Students have four meal plans from which to choose. A limited number of single and super single rooms are available at an additional cost. Hamilton-Whitten and Atkin-Colby Halls remain open during all University breaks during the academic year. All students assigned to those halls are required to pay an additional non-refundable charge above and beyond the basic room rate for that service. A \$50 security deposit is required that is retained until the final period of occupancy; additionally, a \$50 application and processing fee is assessed. Students may elect to pay each semester's room and board charges in one lump sum or in installments. Students are expected to furnish linens, towels, blankets, pillows, bedspreads, and waste baskets.

University On-Campus Housing Policy:

Entering freshmen who have not previously attended this University must reside in University-operated residence halls for their first four semesters. Students transferring to this University as sophomores (as classified by the Office of Admissions) must reside in University-operated residence halls for their first two semesters. These policies are applicable to all students insofar as space is available in University residence halls. Residence hall living for two summer sessions is equivalent to one semester.

The University may make exemptions for certain categories of students based upon guidelines related to marital status, proximity of home to campus, age, and other pertinent factors. Special consideration also will be given to applications for exemption received prior to August 1 from sophomore students who are members of fraternities or sororities who will be residing in their organization's official house. Those fraternities and sororities must be members of Interfraternity Council Panhellenic Association

and National Panhellenic Council, Inc. If students wish to appeal a decision concerning their petition for an exemption to the University On-Campus Housing Agreement, they may obtain information on the appeals procedure from the University Housing Services, (309) 438-8611.

APARTMENT LIVING

Two University-owned apartment complexes provide residents with an environment conducive to both personal and academic growth. Qualifying upper-class, married, family, and graduate students are eligible to reside in these units.

There are 292 unfurnished apartments in the two complexes, Cardinal Court and 300 Shelbourne Drive, offering residents a quiet environment, community atmosphere, excellent maintenance service, spacious grounds, and good proximity to academic buildings. Rental rates for 2000-2001 range from \$284 to \$351 per month. Water and cable television service are provided by the University; all other utilities are paid by the resident. A \$150 security deposit is required and is held until after occupancy is terminated. For additional information and an application contact the University Housing Services.

Off-Campus Housing: The University does not participate in housing contracts issued to students renting space in private housing and does not participate in the inspection of any off-campus housing.

Campus Opportunities

RECREATION SERVICES AND UNIVERSITY GOLF COURSE

Student Recreation Building, Beech and Willow, (309) 438-PLAY

The OUTDOOR Store, 220 N. Main, (309) 438-8419

University Golf Course, Gregory Street, (309) 438-8065

The Student Rec Building offers racquetball/wallyball courts, two full-sized sport courts for basketball and volleyball, a walk/jog track, George Arndt's Juice Bar, Leisure Library/NetDesks, locker rooms with saunas, and Club Rec featuring a sand volleyball court, wood deck and a soothing fountain. The Recreation Services Administrative Offices are located on the second level of the building.

The University Golf Course is a par 71, 18-hole

course, ranked as one of the top ten in Central Illinois. The Golf Course features a fully stocked pro shop, snack bar, cart and club rentals. Student daily, semester, and season passes are available.

For more opportunities, the Department offers student employment positions in a variety of programs and has advisory committees that meet throughout the year. Members of the advisory committees work with the unit to provide the best in programs and services. New members are welcome.

For semester information, consult the Department's RecInfo Guide published to provide a comprehensive guide to the many services, programs, facilities and events provided by the Department of Recreation Services and University Golf Course.

STUDENT LIFE

387 Student Services Building
voice (309) 438-2151, TDD (309) 438-2762
www.ilstu.edu/depts/studentlife

The Office of Student Life primarily is concerned with encouraging the total development of students at Illinois State by coordinating and promoting educational, recreational, social, cultural and entertainment programs that create opportunities for out-of-classroom interaction and individual growth. Through the Office's professional staff and with the involvement of University faculty and staff, advisement and support are offered to all registered student organizations. The University recognizes the role organized activities serve in creating educational experiences for students. Students are encouraged to participate in programs sponsored by the wide variety of organizations active on campus. Individual and group development is provided by means of a yearlong, comprehensive series of workshops. In addition to maintaining a relationship with the social sororities and fraternities on campus, the Office coordinates a variety of University-wide activities and performing events through involvement with the entertainment programming organizations. The Office also coordinates the Student Volunteer Center, a campus evening bus service (Nite Ride), services for parents, and orientation programs for freshmen, transfer and graduate students. A description of the many organizations and activities on campus is provided in *The Student Handbook*, available in many University offices.

The Student Handbook: *The Student Handbook* is made available to all new and continuing students at Illinois State University. Contained within the *The Student Handbook* are descriptions of activities and services available to students as well as procedures and regulations that are important for students to know and understand. The handbook enumerates students' rights and responsibilities within the University community.

STUDENT CLUBS, ORGANIZATIONS, AND ACTIVITIES

Students' academic interests are complemented by a wide variety of campus cocurricular activities. Students may demonstrate leadership, creativity and initiative through active participation in the following student organizations and activities.

Student Organizations: There are over 250 registered student organizations on the Illinois State University campus. Each organization falls into one of these categories:

- *Departmental:* Organizations in this category provide a cocurricular outlet to socialize with others, develop leadership skills, and learn of new developments in a particular major or minor field.
- *Entertainment:* These organizations provide a wide variety of entertainment for the student body in the form of concerts, movies, speakers, and theme weeks.
- *Ethnic:* These organizations offer students opportunities to explore cultural, social, and service aspects of various ethnic backgrounds.
- *General Interest:* These groups offer students the opportunity to get involved in a wide variety of student activities that are not generally offered in any other category.
- *Honoraries:* These groups promote scholastic excellence and deeper involvement in various academic areas.
- *Political Interest:* Involvement in politics on campus as well as on the local, state and national level is the intent of these groups. Some groups set up political parties for campus elections, while others work with state and national campaigns.

- *Recreation:* Recreation Services and many sport clubs offer opportunities to participate in recreational endeavors. Their purpose is to promote active involvement in a variety of recreation and leisure activities.
- *Religious:* Religious organizations offer students opportunities for spiritual programs. Several religious denominations are represented on campus to satisfy the varied religious needs of the University community.
- *Residence Halls:* Governance of residence hall operations and promotion of cultural ideas are two major endeavors for these groups. They also provide programming, development, and unity within campus residence halls.
- *Service:* These organizations provide service to the campus, community, and national charities through various philanthropic projects and volunteer opportunities.
- *Social Fraternities and Sororities:* These are social organizations that promote the total educational development of the individual through the group concepts of brotherhood and sisterhood. Most of these groups are local chapters of national organizations.

INTERCOLLEGIATE ATHLETICS

213 Redbird Arena, (309) 438-3639

The University competes in eight men's and women's sports. Whether the action is scheduled for Horton Field House, Hancock Stadium, Redbird Arena, or any of the other outdoor facilities, students enjoy joining their peers in cheering the Redbirds on to victory. Students may purchase an All Sport Ticket for only \$35 and receive many benefits such as a free T-shirt, preferred seating, early admission to games, and optional membership in the Red Rage Student Fan Club. Purchase of the All Sport Ticket is as easy as adding it to your tuition bill. The student "RED RAGE" Fan Club allows you to experience the excitement of Redbird Athletics up close and personal! Membership benefits include: priority seating with the Red Rage, T-shirts, pizza parties, bus trips to away games, opportunities to talk to and listen to Redbird student-athletes and coaches and much more. For additional information call (309) 438-3639.

BONE STUDENT CENTER/ BRADEN AUDITORIUM

Information, (309) 438-2222

Bone Student Center provides facilities, programs, and services, primarily for students, that complement the educational goals of the University. Included within the Center are a McDonald's, Pizza Hut, Taco Bell, and other restaurants; a bookstore and other merchandising centers; photo copying; ID Card Office; InfoCentre; bus and event ticket sales; automatic teller machines and check cashing; study lounge areas; and multipurpose rooms for student activities and programs. Adjacent to the Center are the Bowling and Billiard Center and a 500-space parking lot.

Braden Auditorium seats 3,457 on three levels. It is an academic and public service facility and an entertainment center for the University and the community.

UNIVERSITY GALLERIES

Center for Visual Arts, (309) 438-5487

Founded in 1973, University Galleries is one of the largest galleries for rotating displays in the state. Devoted to presenting a wide survey of contemporary art, the galleries have received national recognition for its exhibits in the *Village Voice*, the *New York Times*, and the *New Yorker*.

University Galleries is a unit of the College of Fine Arts and is located in the Center for the Visual Arts building. The main focus is generating traveling innovative exhibitions featuring locally, regionally, and nationally known artists working in a variety of mediums, styles, and conceptual approaches. Regularly scheduled exhibitions include Illinois State University faculty, student, and alumni artwork, as well as selections from permanent collections of over 2,000 twentieth-century paintings, drawings, prints, sculptures, photographs, and objects in glass, metals, wood, fiber, and ceramic. University Galleries publishes illustrated catalogs that are distributed worldwide, and are available at a discount to all students, staff, and faculty.

In addition to exhibitions, University Galleries presents extensive educational programs open to the University and general community, including artist lectures, panel discussions, workshops, films

and videos, guided tours, research and study facilities, informational brochures, classes, and internships. The facilities also are used to host meetings, dance and music events, plays, performances, lectures, readings, and films for a variety of University and community groups.

UNIVERSITY MUSEUMS

The Eyestone School Museum, a renovated 1900 one-room school, is located at Adelaide Street and College Avenue.

The Stevenson Memorial Room, on the first floor of Stevenson Hall, displays memorabilia of the Stevenson family with particular emphasis on Adlai E. Stevenson II.

The President's Gallery, located on the fourth floor of Hovey Hall, features a rotating series of exhibitions highlighting the University's art collections.

PLANETARIUM

**Corner of School Street and College Avenue,
(309) 438-5007**

The Planetarium serves more than 15,000 visitors annually, including grade school and high school students as well as the general public and campus community. More than 250,000 people have visited the planetarium since 1964.

Administered by the Department of Physics, the planetarium is located at the east end of Felmley Hall. This celestial theatre-in-the-round provides a unique environment that is used by astronomy and other University classes. Primary and secondary school students can select from a variety of programs or have special programs tailor-made to suit their specific interests. In addition, regular public shows are scheduled providing a popular form of enriching entertainment. The 30-foot domed structure seats 110 individuals and houses a Spitz A-3P star projector. The star projector and various other multi-media effects are used to recreate the wonders of the universe.

For information about current offerings and arranging special presentations contact the Planetarium Director, (309) 438-2496, or access the planetarium's World Wide Web home page at: <http://www.phy.ilstu.edu/planet.html>.

Campus Services

STUDENT HEALTH PROGRAM

Student Health Services: (309) 438-8655

TDD: (309) 438-2498

Student Insurance: (309) 438-2515

The Student Health program consists of two components (1) the On-Campus Student Health Service and (2) a comprehensive low-cost Student Health and Accident Insurance Plan that supplements services available through the Student Health Service. All students who register for one or more credit hours and pay a Student Health Service fee, and all graduate students with a tuition waiver who pay a Student Health Service fee are entitled to use all the services at the on-campus Student Health Service for the entire semester or session. Spring semester students who do not plan to attend summer session classes may obtain prepaid summer health care if they pay the appropriate health fee. Enrolled students may purchase Student Health Service access for spouses/domestic partners if they pay the fee. All optional health fees are payable at the Student Health Service.

All students who register for nine or more hours during the fall and spring semesters by the fifteenth calendar day of classes (or for six or more hours by the eighth day of the variable length summer session) and all graduate assistants with tuition waivers are assessed a health insurance premium.

On-Campus Student Health Service: The health clinic is fully accredited by the Accreditation Association for Ambulatory Health Care, Inc. Health services at the clinic are comparable to those offered by most private community physicians. The clinic is staffed by licensed physicians, registered nurse practitioners, physician assistants, and registered nurses. Services available include a medical clinic, Women's Health Clinic, diagnostic laboratory, radiology, pharmacy, allergy injections/immunizations, health promotion programs by health educators, nutrition analysis, etc. Students wanting to use the clinic should call (309) 438-2778 to schedule an appointment and bring their Illinois State Student ID card when checking in.

Complicated illnesses or injuries requiring surgery or long-term care usually will be referred to an outside specialist. New students who have chronic medical conditions such as asthma, dia-

betes, or epilepsy, which require continuous monitoring and treatment, should retain the services of private physicians for the continuing supervision and management of their condition.

The Health Service staff will furnish supportive care and assist the student's private physician in the student's care if the private physician furnishes written instructions. There are competent medical specialists plus two hospitals in the Bloomington-Normal area that are equipped to handle medical problems should they arise. Information regarding medical services can be obtained by contacting the Student Health Service main reception area in the Student Services Building, or by calling (309) 438-8655.

Student Health and Accident Insurance:

The Student Health Insurance Fee provides a health and accident insurance policy intended to meet the needs of students without other insurance or to provide 100 percent coverage for insured expenses by coordinating with a family policy, which offers world-wide coverage. The policy includes a \$250,000 maximum, a \$1,000 stop-loss provision designed to provide catastrophic coverage while limiting out-of-pocket expenses, and a \$50 deductible. This deductible is waived if other insurance is also in force. The schedule of benefits includes services for hospital inpatient and outpatient use, including emergencies, surgical and anesthesia fees, physicians' charges, consultation expenses, laboratory and radiology expenses, and ambulance services. A complete schedule of benefits may be obtained from the Office of Student Insurance, Student Services Building.

Student insurance coverage begins the Thursday prior to the first day of regularly scheduled fall classes and 48 hours prior to spring semester or the summer session. This coverage is terminated on the first day of classes of the next regularly scheduled term. Continuous year-round coverage is available if the student maintains University registration at nine or more hours during the fall and spring semesters and applies for summer coverage at the Student Health Insurance Office prior to the expiration of spring coverage. A summer insurance fee will be assessed in tuition and fees only by registration of six or more credit hours prior to the eighth calendar day of the variable length summer session. An insured student who graduates may purchase one additional term at the group rate by applying prior to commencement. This policy contains no extension of benefits into a non-covered semester for any condition. Extension of coverage for existing

conditions, such as maternity, is available through the continuation option, details of which can be obtained through the Student Insurance Office. Although dependent coverage is not included in the Student Plan, the Student Insurance Office can provide suggested alternatives for students needing dependent coverage.

It is strongly recommended that students remain enrolled in this plan even if other health insurance is present. A request to cancel this insurance plan is permitted during the first 15 calendar days of each semester (eight days during the summer session) for those students who prove they have comparable insurance coverage (insurance I.D. card or copy of policy) and complete the required petition in the Student Insurance Office. However, experience often has shown that the premium for the Illinois State University plan is less than out-of-pocket bills that many have to pay because of higher deductibles and coinsurance provisions in their own policy. Additionally, students sometimes lose coverage through their parents' plan because of age limitations, changes in dependent status, or changes in employment of parents. Thus, it can be more economical to remain enrolled in the Illinois State plan.

The previous information is a summary of benefits and enrollment procedures. Persons desiring specific information about the Illinois State University Student Health Insurance Plan should contact the Student Health Insurance Office, Room 230, Student Services Building, or call (309) 438-2515.

COUNSELING SERVICES

320 Student Services Building, (309) 438-3655

A full range of counseling services, including individualized personal and career counseling, group counseling, and crisis intervention are provided to students on a voluntary, confidential, and no-fee basis. All services are provided in a way that supports cultural and racial diversity and that fosters an environment that respects individual and group differences.

PARENT SERVICES

387 Student Services Building
voice: (309) 438-3753 TDD: (309) 438-2762
www.ilstu.edu/depts/studentlife/parent

Parents and family members who need assistance can contact the Office of Parent Services. The office develops programs that promote family involvement in the University and its educational

mission as well as providing information about University resources to parents. The Office assists University officials with outreach efforts to parents and conveys the suggestions and concerns of parents to the University community.

The parents of current students at Illinois State have the opportunity for active involvement in the University through the Parents Association. All parents of Illinois State University students are automatically members of the Association.

The Association's activities and programs are coordinated through the Parent Services Office. An advisory board, representing various geographic areas, serves as the liaison between the University and all parents.

DISABILITY CONCERNS

350 Fell Hall, (309) 438-5853—Voice
(309) 438-8620—TDD

The purpose of Disability Concerns is to assist persons with disabilities to become an integral part of the University community. Persons with disabilities refers to individuals who have a spinal cord injury, cerebral palsy, arthritis, alcoholism, chemical dependency, multiple sclerosis, spina bifida, cardiovascular problems, asthma, epilepsy, sickle cell anemia, learning disabilities, hearing impairment, visual impairment, and many others. All information regarding a person and his/her disability is confidential. Each individual must provide documentation of disability to the office and his/her needs will be assessed in consultation with the Case Coordinator and a plan for appropriate accommodations developed.

Information regarding Illinois State University campus accessibility related to persons with disabilities is available through Disability Concerns. Examples of accommodations may include, but are not limited to: readers, sign language interpreters, wheelchair pushers, study buddies, Braille, and a list of persons interested in being Personal Assistants. A list is maintained of persons interested in being employed as Personal Assistants (PA). Students with a disability requiring a PA are responsible for securing their own PAs. Persons with disabilities are encouraged to make an early contact with Disability Concerns to facilitate their successful integration into the University community.

Disability Concerns is located in 350 Fell Hall, Voice (309) 438-5853, TDD (309) 438-8620, or Facsimile (309) 438-7713, web site www.ilstu.edu/depts/disabilityconcerns/

SPEECH AND HEARING CLINIC

211 Rachel Cooper/Fairchild Hall, (309) 438-8641

Students may obtain evaluation and therapy services for a wide range of speech, language, voice, and stuttering disorders as well as hearing services including hearing testing, auditory training, and all aspects of hearing aid dispensing and management. Please contact the Speech and Hearing Clinic for appointments.

CHILD CARE

122 Turner Hall, (309) 436-5026

Open only to students, Illinois State Child Care Center offers high quality, affordable child care services to children 2-10 years of age. It is open during the fall, spring, and summer semesters. Hours are 7:30 a.m. to 5:00 p.m. during the fall and spring; 7:15 a.m. to 4:45 p.m. during the summer. The center is licensed for 40 children at a time with care provided in 124 Turner and 105 Fairchild. Call 438-5026 for an application or visit 124 Turner Hall and ask for the Director.

STUDENT DISPUTE RESOLUTION SERVICES

202 Fell Hall, (309) 438-8621

Student Dispute Resolution Services (SDRS) coordinates the University's student disciplinary, grievance, and conflict resolution processes. Student disciplinary matters are reviewed both by administrative staff and by the University Hearing Panel, while student grievances against faculty and staff are reviewed by the Student Grievance Committee. Appeals of both processes are reviewed by the Student Code Enforcement and Review Board.

For students engaged in conflicts with other members of the community, alternative dispute resolution services are also provided. Mediation is available in many cases where the parties agree to attempt to develop a solution to satisfy both/all parties. Both student and administrative forms of dispute resolution, such as facilitation and negotiation are available as deemed appropriate.

For more information on any of these services, contact SDRS at (309) 428-8621 or visit our web site at <http://www.ilstu.edu/depts/SDRS>. Copies of the Student Handbook, which outlines the disciplinary, grievance, and appeals processes are available through the Office of Student Life.

STUDENTS' LEGAL SERVICES

120 Student Services Bldg, (309) 438-2571

Students' Legal Services (SLS) has two attorneys working to meet the legal needs of ISU students. Every full-time or part-time student who has paid the general activity fee is entitled to office consultation with the SLS staff for any legal problem. SLS provides full legal services including court representation in the following cases: defense of a criminal misdemeanor or ordinance violation brought in McLean County; landlord/tenant disputes involving less than \$2500; consumer related claims involving less than \$2500; and traffic violations if the student's drivers license may be suspended or revoked.

SLS provides limited services -- advice, and consultation or referral only -- for other cases. These include cases in which damages exceed \$2500; probate for real-estate matters; felonies; appeals in criminal cases; personal-injury claims; cases involving ISU or the Board of Trustees; law suits outside McLean County; domestic relations matters; and class action suits by ISU students.

SLS refers to other attorneys all cases between ISU students and any actions concerning private, profit making activities. Cases are considered on an individual basis and every student's legal problem is given full consideration.

PARKING SERVICES

709 N. Main Street, (309) 438-8391

During the posted hours all vehicles occupying University parking facilities, other than metered spaces, must display a valid and appropriate parking decal obtained from the Parking Services Office.

ADMISSION POLICIES

Illinois State University strives to select a student body characterized by diversity of talents, abilities, experiences, interests, and origins in order to create a learning environment that challenges all students, faculty, and staff. The most qualified applicants are given priority in admission decisions. Since admission is competitive, especially into some academic programs, it may not be possible to admit all qualified applicants.

General Information

Prospective students may contact the Office of Admissions through a variety of sources.

Address:
Illinois State University
Office of Admissions, Hovey Hall 201
Campus Box 2200
Normal, IL 61790-2200

Telephone: (309) 438-2181
(800) 366-2478, toll free nationwide
(309) 438-2006—TDD
<http://www.ilstu.edu/depts/admissions/>
Email: ugradadm@ilstu.edu

The Office of Admissions is open from 8:00 a.m. until 4:30 p.m., Monday through Friday, and from 9:00 a.m. until noon on most Saturdays during the fall and spring semesters.

Applications are available directly from the Office of Admissions or can be accessed from the University's website. Applications also may be obtained from a high school or community college counselor. Applicants who are not United States citizens or United States permanent residents should request an international student application. Prospective graduate students should request a graduate application. Applicants 25 years of age or older who are interested in the Adult Learner program should request an adult learner application.

Student Classifications

The University has classifications for new undergraduate students and admission criteria as described in the following section are specific to the following classifications:

- 1. **Beginning Freshman:** a person who has never attended any college or university.
- 2. **Transfer:** a person who has enrolled at another college, whether or not any work was completed.

- 3. **Readmitted Student:** a person who wishes to return to Illinois State after one or more semesters away from campus.
- 4. **Unclassified Undergraduate:** a person who desires to take classes at the University without working toward a specific degree.
- 5. **International Student:** a person who is neither a United States citizen nor a United States permanent resident.
- 6. **Special Admissions:** a number of conditions under which certain categories of students are admitted.

Projected Deadlines for 2000-2001

University enrollment patterns may make it necessary to stop accepting applications and supporting documents and/or making offers of admission sooner than our projected deadlines. Students are strongly encouraged to apply one year in advance, as it may not be possible to admit all qualified applicants due to space limitations.

<u>Category</u>	<u>Projected Application Deadline</u>	<u>Projected Supporting Documents Deadline</u>
<u>FALL</u>		
Freshman	April 1	May 1
Transfer	April 1	June 30
Former Illinois State Student	June 30	June 30
All Categories	December 1	December 1
<u>SUMMER</u>		
Freshman	April 1	May 1
Transfer	April 1	May 1
Former Illinois State Student	April 1	May 1

Admission Criteria

The following sections outline the criteria for the six admission categories above.

FRESHMAN ADMISSION STANDARDS

Admission decisions are based primarily upon the rigor of applicants' high school preparation, grades earned in high school, and scores earned on the ACT or SAT. In some cases, other information obtained from the personal statements of applicants may be important in the admission decisions. The specific criteria are explained in the following section.

High School Preparation

Prospective applicants are encouraged to pursue as rigorous and challenging a college preparatory program as is available to them. However, the minimum high school preparation required for admission is an earned diploma, with successful completion of these course specific requirements:

- a) four years of English, emphasizing written and oral communication and literature;
- b) three years of college preparatory mathematics, composed of Algebra I, geometry, and Algebra II - trigonometry;
- c) two years of social studies, emphasizing history and government;
- d) two years of laboratory science, selected primarily from biology, chemistry and physics;
- e) two years of one foreign language *or* fine arts selected primarily from art, music, theatre, or dance; **and**
- f) two years of electives, including course work in any two of the four categories above (excluding English) and/or courses in vocational education and fundamentals of computing.

High School Class Rank and Standardized Test Scores

- Applicants who rank in the top half of their high school graduating class and have an ACT composite score of 18 or higher (SAT equivalent score) are given the highest admission priority. Admission decisions for these applicants are made on a continuing basis, normally within three weeks of receipt of application and supporting documents.
- Applicants who rank in the third quarter of their high school graduating class and have an ACT composite score of 23 or higher (SAT equivalent score) will be considered for admission on a continuing basis as well.
- Applicants who rank in the top half of their high school graduating class and have an ACT composite score of 16 or 17 (SAT equivalent score) **and** applicants who rank in the third quarter of their high school graduating class and have an ACT composite score of 20, 21, or 22 are considered for admission on a case-by-case basis. The strength of high school preparation, grades earned, and pattern of grades earned will be emphasized in the review of these applicants. Grades earned in English, mathematics, science, and foreign

language courses—as well as senior year grades—are especially important. *In addition, a personal statement from the student is required and will be reviewed carefully.*

Admission decisions on these applicants are made on a periodic basis between February 1 and the last date for filing freshman applications, approximately April 1.

It must be evident that students offered the opportunity for admission through case-by-case review have a strong academic background and show the willingness to seek support services in order to succeed at Illinois State.

Note: Applicants from high schools which do not rank their students will be evaluated on grade point average.

General Equivalency Degree Test in Lieu of High School Diploma

Applicants who use General Equivalency Degree (GED) test results in lieu of a high school diploma are required to submit GED test results reflecting a composite score of 225, with minimum scores of 40 in all five subject areas, and to have earned a composite score of at least 23 on the ACT (SAT equivalency).

SPECIAL CONDITIONS

- Applicants are required to submit final official high school transcripts by August 1 in order to verify high school graduation prior to enrollment at Illinois State. In addition, official ACT or SAT scores also must be received by August 1. If the scores were *not* sent to Illinois State University at the time the test was taken, students should write the American College Testing Program (ACT, Box 168, Iowa City, IA 52243) or the Educational Testing Service (SAT, Educational Testing Service, Princeton, NJ 08541-0001) and request that they be sent to Illinois State University.
- Admission decisions are conditional until high school academic preparation is verified on final transcripts. Admission may be revoked if satisfactory completion of minimum course specific requirements is not confirmed by the high school transcript.
- Only results of ACT or SAT tests taken prior to April 1 of the current application cycle *or* the date on which the University stops accepting

applications—whichever is earlier—will be considered for admissions purposes.

- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

TRANSFER STUDENT ADMISSION STANDARDS

Applicants with the strongest academic preparation are given preference in admission consideration. Cumulative grade point average and progress toward completion of General Education and major program degree requirements are the most important factors in admission decisions. Since admission is competitive, especially into some academic programs, it may not be possible to admit all qualified applicants. The university admission criteria for transfer applicants are explained in the following section.

- Applicants who have completed fewer than 30 semester hours of credit at accredited colleges and universities must demonstrate evidence that all requirements for “new beginning freshmen” are met, must present a C average (2.0 on a 4.0 scale) or better for all grades earned in all college courses at all schools attended, and must provide verification of good academic standing at the last school attended.
- Applicants who have completed 30 or more semester hours of credit at accredited colleges or universities must present a C average (2.0 on a 4.0 scale) or better for all grades earned in all colleges courses at all schools attended and must provide verification of good academic standing at the last school attended.

Students who have completed the Illinois Transferable General Education Core Curriculum (also known as the IAI, Illinois Articulation Initiative) at accredited, participating Illinois colleges or universities will be considered to have met the Illinois State University General Education requirements.

- Students who transfer credit from colleges or universities that satisfies some requirements of the Illinois Transferable General Education Core Curriculum may satisfy Illinois State General Education requirements by completing require-

ments for the Transferable Core Curriculum at Illinois State or by completing the University’s own General Education program.

- Applicants who have completed a baccalaureate-oriented associates degree (A.A. or A.S.) from a regionally accredited community college must present a C average (2.0 on a 4.0 scale) or better for all grades earned in all college courses at all schools attended and must provide verification of good academic standing at the last school attended.

These students will be admitted to Illinois State with junior standing and all General Education requirements completed.

Limited Transferability of Courses with Earned Grades of D

Illinois State generally accepts transfer courses with earned grades of D. However, certain courses in some major programs may require a grade of C or better. When a student who pursues one of these majors transfers D grade course credit that is equated to an Illinois State course requiring a grade of C or better, the student will have to repeat the course to satisfy the major program requirements.

Maximum Transfer Credit Awarded

The University Registrar will provide admitted transfer students with a Statement of Transfer Credit, specifying how the transferred credit may be used to meet Illinois State graduation requirements. Transfer credit from community colleges is limited to 66 semester hours, plus four credits of physical education courses; a maximum of credit from four-year colleges and universities is limited to 90 semester hours. Additional credit for military service may be considered.

SPECIAL CONDITIONS

- Transfer students must have official transcripts sent directly from all colleges and universities previously attended. Students with fewer than 30 semester hours of transfer credit also must submit official high school transcripts and ACT or SAT scores.
- Completed applications and all supporting documents must be on file in the Admissions Office by June 30 for fall semester applicants. It should be noted that admission decisions are conditional until final transcripts are received and maintenance of the required C average

(2.0/4.0) is verified. Admission may be revoked if this information is not confirmed by the final official transcript(s).

- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

PROGRAM SPECIFIC ADMISSIONS

Certain areas of study may be subject to higher admission qualifications when more students apply to that area than may be admitted, or when it is determined that certain disciplines must become more selective. The University announces each fall the majors for which admission is extraordinarily selective and the supplemental admission criteria required for admission to those majors. Announcements are distributed to high school and community college counselors. Information about supplemental criteria may be provided to applicants at time of application for admission, or applicants can call the Admissions Office for information.

READMITTED STUDENTS

Students wishing to return to Illinois State after being away for one or more semesters must apply for readmission. Applications may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200.

Students who have been absent from the University for one or more semesters and who have, in the meantime, attended any other higher educational institution must indicate such attendance on the readmission application and supply an official transcript from the other school(s). Students must have earned a C average (2.0/4.0) or higher for all course work taken since last attending Illinois State and have been in good academic standing at the last institution attended as a full- or part-time student. Readmitted students should consult the section on Undergraduate Catalog Requirements to determine which catalog should be used to determine graduation requirements.

Students who have been academically dismissed from Illinois State for poor scholarship must be reinstated by the University Reinstatement Committee. To initiate this process, students seeking reinstatement must include with their admission application a one-page, concise letter, with relevant documentation attached, which accounts for previous failure to achieve good academic

standing and includes a thoughtful plan for earning higher grades. Applications may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200. **NOTE:** Students seeking reinstatement also must meet the requirements for readmission, as previously explained, by submitting a new undergraduate admission application as well as official transcripts from schools attended after dismissal from Illinois State.

New Start Option: Students who leave Illinois State in a degree program with less than a 2.0 GPA may return and begin with a new GPA calculated from the point of their reentry as a part of the new start option in the Academic Policies and Practices section.

Second Bachelor's Degree: A student who already has received one bachelor's degree from Illinois State University, or from another college or university accredited for baccalaureate degrees by the appropriate regional accrediting association, may receive a second bachelor's degree at Illinois State University. All specified requirements at the time of admission to the program for the second degree must be met, and the program of studies completed for the second degree must include at least 32 semester hours of course work taken after the granting of the first degree, of which 30 hours must be taken in residence at Illinois State. At least 24 of the 32 hours offered toward the second degree must be senior college-level courses numbered 200 and above.

UNCLASSIFIED STUDENTS

Individuals desiring to take a class or classes at Illinois State without working toward a specific degree may be admitted as Unclassified Students. In general, they must have been out of high school for at least two years and must submit the necessary transcripts and test scores (summer visitors excepted). Applicants also will be required to provide evidence showing prerequisite background for the course(s) desired. Unclassified Students must meet the same admission requirements as new students and must maintain the same standard of performance as degree-seeking students. Unclassified Students who wish to become candidates for a degree at some later time must meet published requirements for admission into the desired program. Students who hold a baccalaureate degree from a regionally accredited college or university are not eligible for the unclassified undergraduate status. They must apply as a graduate Student-at-Large.

Summer Visitors: Students currently enrolled at another college or university, who plan to continue there, may attend a summer session at Illinois State University by submitting an application and an official statement of good standing in lieu of transcripts and test scores. A statement of good standing must be issued by the University Registrar or Academic Dean in charge of records from the college or university the student is currently attending. Students entering Illinois State in this manner are admitted as Unclassified Students. Please note that submission of official transcripts may be necessary for placement into some courses.

Adult Learner Program: All persons 25 years of age or older prior to the first day of class for any given semester may apply as an Adult Learner. Freshmen may be admitted without presenting ACT or SAT scores and without proof of high school diploma and/or GED. Transfer students may be admitted without submitting transcripts from schools previously attended if they have not been in attendance at a college or university two years prior to the semester for which they have applied. If attendance has been within two years, students must submit transcripts indicating a cumulative grade point average of 2.0 on a 4.0 scale and be in good standing at the last school attended. Adult Learners who, at some later time, wish to become candidates for a degree must complete 12 semester hours with a 2.0/4.0 grade point average at Illinois State or must submit transcripts of all previous college work and meet minimum university admission requirements. An adult learner application must be completed for admission.

INTERNATIONAL STUDENT ADMISSION

Application Deadlines: International students may apply for admission in general accordance with procedures for native applicants. Filing deadlines for international student applications are May 15 for the fall semester, October 15 for the spring semester, and April 1 for the summer session.

Materials and Procedures: In addition to the completed application, the following materials are required:

1. Official academic records verified with seals and signatures and sent directly from the school or examinations council.
2. Official Test of English as a Foreign Language (TOEFL) score report sent directly from Educational Testing Service in Princeton, New Jersey. Conditional admission for future com-

pletion of the TOEFL requirement is not available. Applicants whose native language is English are exempted from the requirement.

3. Declaration of finances showing source of support and official documentation of funds available for the first year's expenses.

Upon receipt of all necessary materials, the Office of Admissions will review the application file, reach an admission decision, and send a Certificate of Eligibility for Non-immigrant (F-1) Student Status with the notification of acceptance.

During orientation week, new international students' written communication skills will be evaluated. The University will administer a test for placement in English 101, Language and Composition, a course required of all Illinois State students. Testing for other skills may be administered to determine placement in a sequence or course of the student's choice.

Eligibility: International students who meet all of the following criteria are eligible to apply for undergraduate admission:

1. Earned the equivalent of a U.S. high school diploma from an international institution of secondary or high school level, or will do so within one academic year of application.
2. Show academic achievement equal to a U.S. grade point average of C or better (2.0 on a 4.0 scale) in courses that reflect proficiencies in basic skill areas.
3. Earned a total score of at least 550 on the pencil/paper test or 213 on the computer based Test Of English as a Foreign Language (TOEFL). International students attending U.S. high schools may substitute ACT or SAT scores and class rank, as described for United States applicants.

International Students who meet all of the following criteria are eligible to apply as undergraduate transfer students:

1. Earned credit at a recognized international or accredited U.S. institution of higher education or will do so within one year of application.
2. Show academic achievement equal to U.S. grade point average of C or better (2.0 on a 4.0 scale) in courses that reflect proficiencies in basic skill areas. NOTE: Some departments have higher than the minimum standard for transfer admission. Refer to Undergraduate Catalog descriptions of majors.

3. Earned a score of at least 550 on the pencil/paper test or 213 for the computer based test on the Test of English as a Foreign Language (TOEFL). This requirement is waived for students who acquire 60 semester hours while attending a college or university located in the U.S.

SPECIAL ADMISSION PROGRAMS

The University may admit a limited number of applicants with special characteristics and abilities who show the potential for success in collegiate work but who do not meet all the regular admission requirements. The special admissions programs are as follows:

Talent Program: Applicants who demonstrate an outstanding talent in art, music, theatre, or athletics.

Early Admit Program: Applicants who can benefit from college-level work prior to graduation from high school on a full- or part-time basis (concurrent with high school attendance).

Collegiate Opportunities Admission Program: Applicants must be new beginning freshmen and meet COAP requirements as specified by the Admissions Office. COAP is offered only in the fall semester. Students who are economically and/or educationally disadvantaged and who can benefit from college-level work if intensive support services are provided are encouraged to apply.

Senior Commuter Program: Offers qualified high school students an opportunity to take college-level classes during their senior year of high school. Admission will be considered for a student who has reached senior status in high school. Senior Commuters, who must provide an official high school transcript of courses completed and ACT or SAT results, are evaluated on a case-by-case basis. If admitted, they are given unclassified student status. They cannot be full-time students while still in high school and must take classes offered on campus. Senior Commuters must have a letter of permission from the high school guidance counselor or principal in order to be considered for the program.

Veterans' Program: Applicants who were Illinois residents at the time of entrance into the Armed Forces, who present a discharge for other than dishonorable reasons showing completion of at least a one-year active tour of duty in the Armed Forces, and whose first attendance at a college or

university after discharge is at Illinois State can apply through this program.

Inquiries regarding these programs should be sent to the Office of Admissions, 201 Hovey Hall, Illinois State University, Campus Box 2200, Normal, IL 61790-2200, and should specify the particular program of interest.

Immunization and Medical Requirements for all Students

All students admitted to Illinois State University are required, by Public Act 85-1315 to provide proof of immunity for tetanus, diphtheria, measles, mumps, and rubella. Documentation of immunity must be complete and on file in the Student Health Service within the first 15 calendar days of the entering semester. Proof of immunity must include a tetanus/diphtheria booster within 10 years of attendance at Illinois State University; two measles immunizations, both after one year of age and after December 31, 1968; one mumps immunization after one year of age and after December 31, 1967; one rubella immunization after one year of age and after December 31, 1968. All immunization dates must be signed/certified by a physician or public health official. Immunization dates and certification can be documented on the Health History Report that also is required to be on file with the Student Health Service. Please note that a physical examination is not required. International students are required by University regulations to have a TB skin test within 10 days of their arrival on campus. The Student Health Service strongly recommends that all students have a TB-mantoux skin test within the year prior to attending the University, and also strongly encourages immunization against Hepatitis B which is a series of three injections.

Information and instructions for meeting the stated requirements are included with the Illinois State University Health History Report Form that is mailed to all incoming students. The Student Health Service recommends completion of the immunization information as soon as possible and no later than the first day of the month in which classes begin. Students not in compliance with the immunization requirements by the 15th calendar day of their entering semester will have subsequent semester registrations blocked and be assessed an administrative compliance fee. Further information can be obtained by calling the Student Health Service Preventive Medicine Clinic at (309) 438-8560.

COSTS

ESTIMATED TOTAL YEARLY EXPENSES

Because Illinois State University is a state-supported institution, the cost of attendance is relatively low. The *estimated* total cost of attendance for the 2000-2001 academic year (fall semester and spring semester) is \$11,450 for a student who is an Illinois resident registered for 15 hours each semester and living in a University residence hall. This amount includes \$8,520 for tuition, fees, room and board, and an additional \$2,930 for books and supplies, transportation, and personal expenses. Estimated expenses for married students or students with dependents vary according to family size. Out-of-state residents pay higher tuition charges and normally spend more on travel.

Tuition, fees, and on-campus housing charges are subject to change by action of the Board of Trustees. All other amounts are estimates and are subject to change.

UNDERGRADUATE TUITION AND FEES

Tuition and fee rates for 2000-2001 have been approved as listed in the following section, however, they are subject to change by action of the Board of Trustees. Fees other than health insurance are assessed per semester hour through the first 12 hours. Health insurance is assessed to all students enrolled in nine or more semester hours. Tuition is assessed at per semester hour rates through the first 16 hours. A student who registers for 12 or more semester hours is considered a full-time student.

Rate Schedule 2000-2001

General Fees per semester hour:

General Activity	\$4.90
Athletic and Service	8.63
Bone Student Center	5.80
Recreation/Athletic Facilities	3.44
Redbird Arena	4.88
Health Service	5.68
Student-to-Student Grant.	0.37
Grant-in-Aid	0.15
Campus Enhancement	<u>5.35</u>
Total	39.20

	Residents	Non-Residents
Tuition:	\$ 107.30	\$ 321.90
Fees:	\$ 39.20	\$ 39.20
Health Insurance:		
(9 or more sem hrs)	\$ 88.00	\$ 88.00
Examples:		
3 semester hours	\$ 439.50	\$ 1,083.30
6 sem hrs	879.00	2,166.60
9 sem hrs	1,408.50	3,339.90
12 sem hrs	1,848.00	4,423.20
16 or more sem hrs	2,277.20	5,710.80

Special Fees:

Registration Installment Fee	\$25
Bachelor's Degree Graduation Fee	\$20
Late Registration Fee	\$25
Late Payment Fee (after scheduled dates)	\$10

Audit Costs: Students taking only audit courses (courses without credit) are charged tuition at the rates shown above to a maximum of 16 hours.

Residents and Non-Residents: A student under 18 years of age is a non-resident if that student's parents are not legal residents of Illinois. A student over 18 years of age is a non-resident if the student is not a legal resident of Illinois at the time of registration. Personnel within Academic Records and Registration Services are responsible for determining residency.

Transcripts: Transcripts are issued only after all student financial obligations have been met. Students should make a written, signed request to Academic Records and Registration Services, Campus Box 2207, Normal, IL 61790-2207. A \$6.00 charge (fee subject to change) is made for each official transcript. Requests should include identification number, birthdate, and complete address, including zip code, to which the transcript is to be sent. When possible, transcript requests are processed within five working days.

Materials Charges: A materials charge is an optional fee charged to a student for consumable materials used in a course. A student may supply his or her own material and submit a written request to the instructor to waive the charge. Courses with material charges are listed in the *Undergraduate Catalog*, *Graduate Catalog*, and *Class Registration Directory*.

Reduction of Tuition and Fees Policy: A registered student who officially withdraws from the University may receive a reduction of tuition and fees, including any advance deposit according to the following schedule:

1. If withdrawal is prior to the first regularly scheduled class day, all tuition and fees are deleted.
2. If withdrawal is within the first 15 calendar days after the first regularly scheduled class day, all tuition and fees minus a service charge of \$30 are refunded.
3. If withdrawal is after the 15th calendar day but within the sixty percent point in time of the period of enrollment—a refund equal to the portion of the period of enrollment remaining, rounded downward to the nearest ten percent, less an administrative fee not to exceed the lesser of five percent of the initial tuition, fees, and other charges assessed the student or \$100.
4. If withdrawal is after the sixty percent point in time of the period of enrollment—no refund shall be made.

The University may designate shorter refund periods for summer session, special courses, and short courses.

All notifications of withdrawal or cancellation and requests for refunds must be in writing and addressed to Academic Records and Registration Services, Illinois State University, Campus Box 2204, Normal, IL 61790-2204.

A student who changes from full- to part-time status or a part-time student who reduces the number of credit hours carried may receive a reduction of tuition and fees according to the following schedule:

1. If the reduction is on or before the 15th calendar day after the first regularly scheduled class day, all tuition and fees not applicable to the

new part-time status are reduced. A service charge is not applicable to a student who changes from full-time to part-time status.

2. If the reduction is after the 15th but no later than the 30th calendar day after the first regularly scheduled class day, 25 percent of the difference in tuition charge only is reduced.

A student may receive a refund of insurance fees if the student demonstrates equal or better insurance coverage and completes the written application on or before the 15th calendar day after the first regularly scheduled class day.

A student whose course of study requires absence from campus for the entire term shall, upon proper application, receive refunds of Activity, Health Service, and Athletic fees. The application for the refund must be made to the Registration Office on or before the 15th calendar day after the first regularly scheduled class day.

Part or all of a student's tuition and fees may be refunded because of the student's death or disability, extreme hardship, or institutional error.

A student may receive a refund of tuition and fees if a scholarship is awarded that covers those fees. The application for refund must be made no later than 60 days after the close of the session.

A student may receive a refund of tuition and fees if the University declares him or her ineligible for enrolled status prior to the first day of regularly scheduled class.

The statement of the refund policy for University housing is a part of the housing contract. Information on the refund policy may be obtained from the Student Accounts Office.

Students or parents who believe that individual circumstances warrant exceptions from published policy may appeal to the Associate Vice President for Student Affairs by calling (309) 438-5451.

Housing Costs: The room and board rate in the residence halls for the 2000-2001 academic year is \$4,396 for multiple occupancy and meal plan 3. A limited number of singles and super singles are available at an additional cost. Two apartment complexes are available for qualifying upper-class, married, graduate, and family students. Rental rates for 2000-2001 range from \$284 to \$351 per month. For further information, contact University Housing Services.

FINANCIAL ASSISTANCE

Between 70 and 75 percent of all students who attend the University receive some sort of financial aid. In addition to funds received through aid programs, Illinois State students have established a strong tradition of seeking employment to help cover expenses.

Students interested in making application for financial assistance should contact the Financial Aid Office, which annually administers and coordinates the more than 85 million dollars provided to students.

FINANCIAL AID OFFICE

231 Fell Hall, (309) 438-2231
www.fao.ilstu.edu

Each year, many Illinois State students receive financial assistance in the form of loans, scholarships, tuition waivers, grants and employment. All students are encouraged to apply for financial aid by completing the Free Application for Federal Student Aid (FAFSA). This process will determine your eligibility for state, federal and institutional financial aid, including student loans.

General Information

Client Relations Representatives and Peer Advisors are available Monday through Friday from 8 a.m. to 4:30 p.m. for telephone service, and 9:00 a.m. to 4:00 p.m. for walk-in service and appointments when the University is in session. In addition, you may access information at www.fao.ilstu.edu, the web site for the Financial Aid Office. Information on the web site includes:

- Office hours, phone number and location; information concerning the application process, cost of attendance and aid programs available to students;
- FAFSA on the Web, which allows you to file the Free Application for Federal Student Aid electronically;
- Financial Aid forms and worksheets available to download;

- Scholarship search engines;
- Important dates for your calendar;
- A link to Illinois State's *Student Information Access System* (SIAS) so that you can check the status and progress of your aid application after being admitted to Illinois State. SIAS also allows you to access information from Student Accounts concerning your bill and refund release. In addition, you can verify and/or update your address information on file with the Office of the University Registrar;
- STAR+, (309) 438-7827. You will use a PIN number issued by the University to access your information. Contact the Office of the University Registrar for assistance;
- Entrance and Exit Loan Counseling;
- The Student Guide - financial aid information from the U. S. Department of Education;
- Commonly asked questions and answers

Using Email at askfao@ilstu.edu is another way to contact the Financial Aid office. You will receive a response within two business days.

Institutional and Financial Assistance Information for Students

Law (the Higher Education Act of 1965, as amended) requires Illinois State University and regulation (34 CFR 668) to notify enrolled students and the parents of dependent enrolled students annually of the availability of the following information:

- your rights under the Family Education Rights and Privacy Act;
- your right to a deferment of repayment of your Federal Direct Loan for Peace Corps or volunteer service;
- financial aid available at Illinois State University;
- information about Illinois State University;
- the graduation rate of degree-seeking, full-time undergraduate students at Illinois State University;
- an annual campus security report; and,
- a report on athletic program participation and financial support data.

General Eligibility Criteria

To qualify for federal or state financial aid programs, you must:

1. Be a United States citizen or have resident alien status;
2. Complete and submit the Free Application for Federal Student Aid (FAFSA) to the federal processor either on paper or on line;
3. Be enrolled for a minimum of 6 hours (half-time status) per semester. (Students not pursuing a degree or unclassified students are not eligible for financial aid, including loans); Not be in default on a Perkins Loan or any guaranteed/federally insured loan (GSL, PLUS, ALAS, SLS) approved by a guaranty agency;
4. Not owe a repayment to a federal grant program;
5. Make satisfactory progress toward a degree as defined by Illinois State University; and
6. Be registered with Selective Service, if you are a male at least 18 years of age, born after 1959, and not currently an active member of the U.S. Armed Forces.

NOTE: A student may not receive federal or state financial aid from more than one institution at the same time.

APPLICATION PROCEDURES

To be considered for financial aid at Illinois State University, you must complete and submit the Free Application for Federal Student Aid (FAFSA), or the Renewal FAFSA, as soon after January 1 as possible. To be considered for all types of financial aid, the federal processor (not Illinois State) must receive your application by March 1, the priority filing date.

You are encouraged to use FAFSA on the Web (www.fafsa.ed.gov/). If you prefer, you may obtain the paper FAFSA at any high school guidance office or college financial aid office.

The Renewal FAFSA will be sent to you from the Department of Education if you applied for financial aid for the preceding award year. If you do not receive a Renewal Application by the end of December, use FAFSA on the Web, or the paper FAFSA. In order to meet the priority

filing date, you should file your application by the middle of February. If necessary, use estimated income information. Complete only one application.

The income and asset information provided on the FAFSA determines your financial aid eligibility. Be sure to use Illinois State's Title IV school code: 001692. There is no separate institutional application for financial aid at Illinois State. You will need to submit an additional application for summer aid (see Financial Aid for Summer Session).

No more than four weeks after you submit your federal application (FAFSA), you will receive your student aid report (SAR). Because your data from the FAFSA determines eligibility for your financial aid, including loans, you need to examine your SAR for accuracy. Corrections can be made to your SAR data, either on paper or online. Corrections must be sent to the federal processor.

If your financial aid application is selected for verification, the Financial Aid Office will notify you in writing. You will be required to provide additional documentation to Illinois State. Be sure to make and retain a copy for your records. After your application file is complete and verified, you will receive an award letter. Award letters are sent beginning about April first.

Financial Aid for the Summer Session: If you are enrolled for at least six hours of coursework, you may apply for financial aid. Application forms for the Summer Session are available by the mid-point of the spring semester.

Data from your FAFSA will be used to determine your eligibility for aid for the summer session. Aid funds for the summer session are very limited. Direct loan funds are available only if you have remaining loan eligibility for your class level.

Institutional Quality Assurance Program (IQAP). Illinois State University is a participant in this initiative of the U.S. Department of Education to produce higher quality in the administration of financial aid. If your application is selected, you may be required to provide additional documentation to verify data from your FAFSA.

FEDERAL GRANTS AND BENEFITS

Federal grants and benefits are considered "gift aid," and do not need to be repaid. Grants commonly received by Illinois State students are:

Federal Pell Grant: Eligibility is determined by information provided on your FAFSA and is based on the calculated expected family contribution (EFC) listed on your Student Aid Report.

Federal Supplemental Educational Opportunity Grant (FSEOG): This grant is awarded to students with exceptional financial need. At Illinois State, the award historically has amounted to \$1,000 per academic year. You must be enrolled for a minimum of six hours per semester to receive this grant.

Department of Rehabilitation Services: Public Law 113 mandates federal and state governments to provide rehabilitation services to anyone with a disability the opportunity to pursue post-secondary education. This grant is applied to tuition, fees, and/or maintenance costs. For more information or assistance in the application process, Illinois State students with a disability should contact the Department of Rehabilitation Services; 604 Dale St., Suite A; Normal, IL 61761.

Veterans' G.I. Bill: Students who have served in the U.S. Armed Forces should contact the Illinois State University Veterans' Affairs Office, 209 Julian Hall, for additional details.

Survivors' and Dependents' G.I. Bill: Survivors (spouse and/or children) of veterans, whose deaths or permanent, total disabilities occurred during service, may be eligible for benefits if the veteran served since the Spanish-American War. Children of veterans missing-in-action or prisoners of war for more than 90 days are also eligible for this benefit. For details, contact the Illinois State University Veterans' Affairs Office.

STATE SCHOLARSHIPS AND GRANTS

Your eligibility for the following programs is based on data from your annual federal financial aid application (FAFSA). You and/or your parents must meet residency requirements based on FAFSA data and regulations from the Illinois Student Assistance Commission (ISAC).

Illinois Student Assistance Commission Monetary Award Program (ISAC MAP Grant): If you are enrolled for at least six hours of coursework, meet residency requirements, and have eligibility for this award based on FAFSA data, this grant will be applied directly to your tuition and fees charges.

Illinois Incentive for Access (IIA) Grant: You are eligible for this grant only if you are classified as a freshman and a resident of Illinois. In addition, your expected family contribution (EFC) must be zero (0). This grant can be used for or applied to any educational expense.

Illinois National Guard Grant: If you are an active member of the Illinois National Guard (Army or Air) you may have eligibility for this grant. In order to receive this grant, you must be enrolled at an ISAC-approved Illinois public community college or a four-year college or university; be registered for Selective Service (if you are male); not be in default of any student loan nor owe a repayment of any state or federal grant; and maintain an acceptable grade point average (GPA) determined by the institution.

You must be enrolled for at least one hour of coursework and apply annually to the Illinois Student Assistance Commission, meeting the stated application deadline. If you are eligible, this grant will be applied to your tuition and partial fee charges. Applications may be obtained from the Financial Aid Office or from the Illinois Student Assistance Commission at 1-800-899-ISAC.

Illinois Veteran Grant (IVG): If you served in the Armed Forces for at least one year and did not receive a dishonorable discharge, you may qualify for the Illinois Veteran Grant. In addition to residing in Illinois for at least six months before entering the service, you must return to Illinois within six months after your discharge.

You may obtain your one-time application from the Illinois Student Assistance Commission at 1-800-899-ISAC, or from the Financial Aid Office. You must meet the application deadline and provide a copy of your DD 214 to ISAC with your application. In addition, you must submit a copy of your DD 214 to both the Financial Aid Office and the Veterans' Affairs Office at Illinois State.

When your application is determined "eligible" by ISAC, you will be sent an eligibility letter. The original letter must be submitted to the Financial Aid Office in order for the grant to be active. Your IVG will credit your tuition charges as well as partial fee charges.

State of Illinois ROTC Scholarship: You may apply for this scholarship through the Military Science Department if you are a full-time student enrolled in a Military Science course. This competitive award will credit all tuition charges as well as the general activity fee. You would be responsible for the remainder of your fee charges. You would be able to retain this scholarship for up to eight semesters as long as criteria is met. Freshmen and sophomore may use this scholarship without incurring a military service obligation.

State Special Education Scholarships: To be eligible, you must be a U. S. citizen or an eligible non-citizen residing in Illinois who is ranked in the upper half of your Illinois high school graduating class, and meet application deadline. In addition, you must be enrolled in a special education program at one of the twelve public four-year post-secondary institutions in Illinois after taking the ACT or SAT college admissions exam.

Recipients must meet satisfactory academic progress requirements on a continuous basis for four years. If you are awarded a Minority Teachers of Illinois Scholarship or DeBolt Teacher Shortage Scholarship, you are not eligible for the State Special Education Scholarship.

Finally, if you receive the State Special Education Scholarship, you must fulfill a full-time teaching commitment for two of the five years immediately after graduation or termination of enrollment in a special education discipline. You may meet this condition by teaching in any recognized public, private or parochial school in Illinois. If the commitment is not met, the amount of the scholarship converts to a loan with a 5% interest rate.

Contact the Illinois Student Assistance Commission at 1-800-899-ISAC during the fall semester of your senior year in high school for an application.

Merit Recognition Scholarship (MRS): If you are in the top 2.5% of your Illinois high school senior class, a U.S. citizen or eligible non-citizen and a resident of Illinois, you will be nominated by your high school to ISAC, which will send you an application. Be sure you follow the directions and meet the application deadline. In order to receive this scholarship, you must attend an ISAC-approved post-secondary institution in Illinois or one of the U. S. Military Academies. This scholarship is subject to funding by the Illinois General Assembly.

General Assembly Scholarships: You should contact your State Senator or State Representative to be considered for this scholarship. Your tuition and general activity fees are credited by this scholarship. Typically, you will receive this scholarship for one academic year.

University Employee Dependent Partial Tuition Waiver: If you are under the age of 25 and your parent is employed at Illinois State, Northern Illinois, Chicago State, Eastern Illinois, Governors State, Western Illinois, or Northeastern Illinois University, or campuses of the University of Illinois, or Southern Illinois University, you may be eligible for this tuition waiver. Your parent should contact the Human Resources Office at the university where he or she is employed for the application and specific employment requirements.

Academic Scholarship Programs: Some academic departments offer scholarships to continuing students based on academic achievement. Your major or minor is used for eligibility. You can explore the availability of these scholarships by visiting the Scholarship Search link from the Financial Aid Office home page at www.fao.ilstu.edu.

PRIVATE SCHOLARSHIPS

Many students utilize private scholarships to supplement their financial aid award package. You may also contact clubs, foundations, organizations, corporations and churches from your hometown for scholarships. The scholarship donor determines the eligibility criteria. You are encouraged to use the ISU Scholarship Search on the Financial Aid Office home page at www.fao.ilstu.edu or the Illinois Student Assistance Commission's "Higher Ed Net" searches. Avoid search services or "consultants" who charge a significant fee and/or promise positive results.



MERIT-BASED SCHOLARSHIPS

Presidential Scholarships: Presidential Scholarships are merit scholarships awarded to outstanding students, without regard to financial need. Recipients of these scholarships are chosen by the University Scholarship Committee on the basis of academic achievement, as shown by high school academic record and scores on college admissions tests (ACT/SAT); by demonstrated leadership qualities; and by evidence of commitment to service. Presidential Scholars receive a \$6,000 award annually renewable for up to four academic years contingent on the student's continued attainment of a 3.3 cumulative grade point average (GPA). Finalists in National Merit, National Achievement, and National Hispanic Recognition Program competition who enroll as Presidential Scholars and who list Illinois State as their first-choice school receive an additional \$2,000 annually renewable for up to four years.

Presidential Scholar applicants generally rank within the top 10 percent of their high school classes, receive composite ACT scores in the high 20s or 30s, and demonstrate other meritorious traits as evidenced by their overall high school records. In the past two years, the profile of Presidential Scholars included an average composite ACT of 31 to 32 and an average high school rank in the top 2 to 3 percent.

Presidential Scholarship winners are automatically admitted to the Presidential Scholars Program, an exclusive academic program combining some of the best courses in the University with a student-selected course of study, involving Honors Program advisors and selected professors around the University. The program is designed to offer participants the advantages of a small liberal arts college in the framework of an outstanding multipurpose university. This program is international in character, requiring study abroad and foreign language study. It also has a public service component, which enables students to earn academic credit for community service which brings them into contact with local professionals of various kinds, depending on student interest and career goals.

Candidates for Presidential Scholarships and for the Presidential Scholars Program must submit their applications early in January, not later than the postmark date specified in the University Scholarship programs announcement. For more information about Presidential Scholarships and

for an application, please contact the University Scholarship Committee, Illinois State University, Campus Box 4900, Normal, IL 61790-4900. (Visit the Undergraduate Studies web site at www.undergrad-studies.ilstu.edu.)

Provost's Scholarships: Candidates for Provost's Scholarships are identified from the Presidential Scholarship applicant pool. The Provost's Scholarship is a \$2,500 award annually renewable for up to four academic years contingent on the student's maintenance of a 3.0 cumulative GPA. The scholarship is based on academic merit and potential for outstanding achievement at the University. Provost's Scholar applicants usually rank in the top 25 percent of their high school classes and receive minimum composite ACT scores in the upper 20s. In the past two years, the profile of Provost's Scholars included an average composite ACT of 28 to 30 and an average high school rank in the top 4 to 5 percent. For more information about the Provost's Scholarships, please contact the University Scholarship Committee, Illinois State University, Campus Box 4900, Normal, IL 61790-4900.

Deans' Scholarships: The Deans' Scholarship is a one-year monetary award of \$1,000. Within each of the six colleges (Applied Science and Technology, Arts and Sciences, Business, Education, Fine Arts, and Mennonite College of Nursing), at least two Deans' Scholarships are awarded annually to freshmen. The scholarship is based on academic merit and potential for outstanding achievement at the University. Generally, Deans' Scholar applicants rank in the top 25 percent of their high school classes and receive minimum composite ACT scores in the mid to upper 20s. In the past two years, the profile of Deans' Scholars included an average composite ACT of 27 to 29 and an average high school rank in the top 10 to 15 percent. For additional information about the Deans' Scholarships, please contact the University Scholarship Committee, Illinois State University, Campus Box 4900, Normal, IL 61790-4900.

Minority Academic Scholarship: The Minority Academic Scholarship is available to academically talented underrepresented students (African American, Hispanic, or Native American freshmen students who are U.S. citizens). The Minority Academic Scholarship is a \$2,500 award annually renewable for up to four academic years contingent on the student's maintenance of a 2.75

cumulative GPA. In addition, recipients are strongly encouraged to participate in the CONNECTIONS learning community program, as well as the University's mentoring program.

To be eligible for the scholarship, applicants must receive a minimum ACT composite score of 20 or SAT composite score of 940 and earn a 3.0 cumulative high school GPA. Awards will be distributed from November through March based on the applicant pool. To apply for this scholarship, submit a completed admissions application, official ACT or SAT score, and an official high school transcript by the scholarship deadline, as specified in the University Scholarship programs announcement, to the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200.

Community College Foundation Scholarship Program: This program provides an opportunity for community college transfer students to compete for 10 awards valued at \$3,000 each (\$750 per semester for two years). One award is designated for a member of Phi Theta Kappa. The awards are based on academic merit rather than financial need. Candidates must be first-time students at Illinois State, have a cumulative grade point average of 3.3 on a 4.0 scale, and be completing the Associates in Arts or Associates in Science degree. Application is by invitation only in early March to qualified candidates who have been admitted to the University. For more information, contact the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200.

Trustees' Tuition Waivers: Undergraduate tuition waivers are used to recruit talented students to the University in specific areas listed: the Honors Program, Art, Intercollegiate Athletics, International Studies, Music, and Theatre.

LOANS

Federal Direct Student Loan Program: You must complete the federal financial aid application (FAFSA) to receive a loan. The Financial Aid Office will determine your grant eligibility prior to processing your loan. Because Illinois State is a participant in the Direct Loan program, you do not need to complete a loan application from a banking institution or other lender.

Your cost of attendance minus all financial aid -- grants, scholarships, and tuition waivers -- is used to determine your loan eligibility. The amount of your loan is also based on your class level. Loans may be subsidized or unsubsidized, or a combination of the two. The maximum aggregate loan amount for a dependent undergraduate student is \$23,000. An independent undergraduate may borrow up to \$46,000.

There are two kinds of direct loans: subsidized and unsubsidized. If you are eligible for the subsidized loan, the interest on that loan is paid for you as long as you are enrolled half-time (a minimum of 6 hours per semester). This is a need-based loan. The unsubsidized loan requires that you make quarterly interest payments on the loan while you are enrolled, regardless of your enrollment status. If you choose not to pay the interest, the interest will be capitalized (i.e., the interest will be added to the principal of your loan).

After your loan is processed, you will receive two copies of your award letter and the promissory note. Read the note carefully. This loan has a variable interest rate tied to the 91-day U.S. Treasury bill rate, adjusted annually and capped at 8.25%. Before loan proceeds can be credited to your account, one copy of each document must be returned to the Financial Aid Office. The other copy is for your files.

Because of its status as a direct lender, Illinois State will receive loan proceeds directly from the U. S. Department of Education. Your loan proceeds will be applied first to your university charges. If you have more financial aid than charges, you will receive a refund of the balance.

Loan Counseling: Students who are first-time direct loan borrowers are required to attend Federal Direct Loan entrance loan counseling before loan proceeds are credited to the student's account. You may meet this requirement by completing loan entrance counseling on the web at www.ed.gov/DirectLoan/counsel/index.htm.

If you attended entrance counseling at another school, you must sign a statement verifying that you previously met the requirement. The purpose of entrance counseling is to emphasize your responsibilities and rights as a borrower.

Check Distribution Information: Checks are mailed from the Student Accounts Office through-

out the academic year for aid in excess of amounts owed the University. You should be prepared to buy books and have "start up" funds for the beginning of the semester.

It is important to keep your local and permanent address information current with the Office of the University Registrar. University offices use this information to contact you: i.e., the Student Accounts Office will use your local address to send a refund check to you. If there is no local address on file with Registrar, correspondence will be sent to your permanent home address.

You may update your address in person at the Office of the University Registrar or by using the Student Information Access System (SIAS). The SIAS utility may be reached through a link from the Financial Aid Office web site, www.fao.ilstu.edu.

Exit Information: Before you graduate, or if your enrollment status drops below 6 hours per semester, you will be sent information concerning Direct Loan exit counseling, which outlines loan repayment, consolidation, and deferment options. You may also get this information from the Exit Counseling link from the Financial Aid Office web site, www.fao.ilstu.edu. Repayment of your Direct Loan begins six months after you leave the University or drop below half-time status.

Federal Perkins Loan: Your eligibility for the Perkins Loan is based on your demonstrated need and receipt of your FAFSA by the March 1 preferential filing date. If you are awarded a Federal Perkins Loan, it will be listed on your Award Letter. A Personal Data Sheet will be included with your Award Letter. If you wish to accept the Perkins Loan, you must complete and return the Personal Data Sheet to the Financial Aid Office before your loan proceeds can be credited to your account. In addition, you will need to sign a promissory note at the Student Accounts Office. The Perkins Loan has a 5% interest rate and is repayable over 10 years, beginning six months after you graduate or drop below half-time status.

Federal Direct PLUS Loan: Parents of dependent students may apply for the Parent Loan for Undergraduate Students (PLUS); application forms are available upon request from the Financial Aid Office. A parent may borrow up to

the cost of attendance less any other financial aid the student is receiving. If a parent chooses to apply only for the PLUS Loan, the student is not required to submit the FAFSA.

Satisfactory Academic Progress: Illinois State requires students receiving financial aid, including loans, to comply with its Satisfactory Academic Progress Policy. Aid recipients must meet three standards:

1. Qualitative - You must complete at least 75% of the total undergraduate hours attempted at Illinois State. Grades of WX, WP, WF, W or Incomplete are calculated in this equation.
2. Quantitative - Your financial aid eligibility is terminated after completing 180 hours of coursework.
3. Grades - You must meet university, departmental and program requirements concerning academic standing, grades, and grade point average.

If you do not maintain satisfactory academic progress, the Financial Aid Office will notify you that you are ineligible to continue receiving financial aid. You may appeal the operation of this policy by completing an appeal form obtained from the Financial Aid Office. The Financial Aid Office and the Office of Undergraduate Studies will determine if your financial aid will be reinstated, based upon the facts of the matter, including and information or documentation you submit. The appeal is not automatically granted. An appeal must be submitted by the tenth day of the following period of enrollment. Appeal deadline dates may be found at www.fao.ilstu.edu. You may obtain a copy of the Satisfactory Academic Progress Policy from the Financial Aid Office, or from the office's web site.

WITHDRAWAL FROM CLASSES

If you decide to withdraw from classes, you must provide a written notice of your intention to the Office of the University Registrar. The date you provide this notice is considered your withdrawal date. Your withdrawal date will be used in the calculation of repayments or refunds.

Repayments and Refunds

If you officially withdraw from the University, you may receive a reduction of tuition, fees, and room and board charges, according to

the University's refund policy, found in the Class Registration Directory published for each enrollment period by the Office of the University Registrar.

If you received any Title IV aid funds, including loans, your refund will be used first to restore funds to the appropriate aid programs. If you did not receive any Title IV funds, the refund will be paid to you. The Student Accounts Office will assist you with your repayment or refund concerns. Regardless of the amount of repayment or refund, if you withdraw from a class at any point in the semester, you may violate the Satisfactory Progress Policy and become ineligible to receive future aid, including loans.

Return of "Unearned" Title IV Aid: When you do not complete a period of enrollment, you are eligible only for the amount of Title IV aid in proportion to the time of enrollment. The Financial Aid Office must determine the amount of unearned Title IV aid and return those funds to the appropriate programs. This may cause you to owe a repayment to the University.

CONFIDENTIALITY AND THE RELEASE OF INFORMATION

The Financial Aid Office will release information from your financial aid application file to parties within the University if their inquiry is related to your attendance at Illinois State. Inquiries from off-campus agencies and/or landlords will be answered by Financial Aid Office staff only if you have completed and signed a "Consent to Release Information" form from the Financial Aid Office. To protect the confidentiality of your records, the Financial Aid Office will require proper identification from the requesting party before releasing any of your information. Appropriate documentation of any release of information will be placed in your financial aid file.

STUDENT EMPLOYMENT

Students enrolled for six or more semester hours may work part-time at Illinois State University. Eligible student employees usually work 10 to 15 hours per week while classes are in session. Students working at Illinois State University earn from \$5.15 to \$8.40 per hour. This

pay range is subject to change by action of federal government, the state, or the institution.

Federal Work-Study Program: This federally sponsored program enables students with demonstrated financial need to earn a portion of their expenses while they are enrolled at Illinois State. To be considered for Federal Work-Study the applicant must mark the appropriate response on the FAFSA and demonstrate need. The federal government pays 70 percent of a Work-Study student's earnings, while the employer pays the balance. A student employed 10-15 hours per week can expect to earn between \$1,200 and \$1,800 a year. Work-Study students find work on-campus (food service, library, Bone Student Center, departmental offices) or in nonprofit, off-campus agencies (hospitals, youth centers, counties, cities, elementary or secondary schools). In addition to the typical jobs, students will have the opportunity to do community service in areas such as social service, public safety, recreation, support for students with disabilities, and mentoring activities. Another Federal Work-Study program is the "America Reads" initiative in which students are employed to assist with reading skills in local elementary schools. Work-Study positions are posted on the Student Employment Job Search linked to the Financial Aid Web page and the Student and Alumni Placement Services' web site at www.ilstu.edu/depts/SAPS.

Students go directly to the employer for an interview and, if hired, must complete state and federal withholding tax forms in the Payroll Office, 101 Hovey Hall. Work-Study employers also must complete and return a Student Employment Form and an INS Form I-9 to the Student Employment Office in Student and Alumni Placement Services (110 Student Services Building). The student is not permitted to earn more than the Work-Study eligibility determined by federal regulations.

Regular Student Employment: Those students who desire to work on or off campus may seek part-time employment with the University or off campus. These jobs generally pay the minimum wage. Hours vary, and may be less flexible than Federal Work-Study positions. The Student Employment Office has information on such employment opportunities posted on

the Student Employment Job Search linked to the Financial Aid Office Web page and the Student and Alumni Placement Services' web site at www.ilstu.edu/depts/SAPS.

VETERANS SERVICES

209G Julian Hall, (309) 438-2207

The Office of Veterans Affairs advises veterans and their dependents on matters relating to benefits and payments. Certain dependents of deceased war veterans are entitled to educational benefits from the Department of Veterans Affairs. A student seeking such benefits should contact the Office of Veterans Affairs.





ACADEMIC POLICIES AND PRACTICES

Whether entering the college classroom for the first time or transferring from another institution, every student encounters questions when building a class schedule and working through the semester toward a final grade. The following policies and practices will help you understand the academic structure on campus and find success in the classroom.

COURSE REGISTRATION AND WITHDRAWAL

Course Registration: Students at Illinois State University register through STAR+ (a touch-tone registration system) or through SIAS (the Student Information Access System) on a computer terminal with Illinois State University mainframe access. Instructions for both methods are included in the *Class Registration Directory*, which is available from the Admissions Office in Hovey Hall.

Registration may be accomplished during the advance registration period or the additional registration periods prior to the start of the semester. New freshmen and transfer students may register during summer Preview or Transfer Days and are encouraged to do so because of the wider selection of courses open to them at that time, or they may register just before the opening of the semester. For advance registration an entry notice, giving date and time of registration, will be mailed to the student's local address approximately two weeks prior to advance registration.

Confirmation of Attendance: Students are requested to confirm their intention to attend Illinois State for the upcoming session. Students who register in advance will receive a copy of their schedule and a confirmation card regarding their intention to attend the University during the upcoming session several weeks prior to receiving a bill for that session. Students may confirm their intentions in one of three ways which will be available to students throughout the month of July for fall and December for spring. The options include: 1) completing and mailing the confirmation card; 2) accessing STAR+; or 3) accessing SIAS.

Class Registration Changes: A student who is already registered for a particular semester and desires to change his or her program before the deadline for doing so should follow the instructions in the *Class Registration Directory*.

Withdrawal Policy—Dropping a Course or Courses: Students are strongly advised to complete all courses in which they enroll and are encouraged to avoid withdrawing from any course after the program change period unless absolutely necessary.

The following policy applies to students who drop a course or courses but maintain an enrolled status within the University:

A student may withdraw from a course during the program change period without the withdrawal being shown on the transcript. (A student should consult the *Class Registration Directory* to obtain specific dates.)

After the tenth day of classes, but prior to the end of the fifth week of classes during any regular semester, a student may withdraw from a full semester course with a grade of WX by complying with the following steps: 1) Obtain, complete, and sign a course withdrawal form; 2) Obtain the instructor's signature on the form; and 3) Submit the form to the Registration Office.

A student should consult the applicable *Class Registration Directory* for questions regarding refunds and for specific withdrawal dates during any instructional term. For courses taken during a term lasting less than a regular semester, a proportional withdrawal period will apply.

A grade of F will be given to students who 1) Fail to withdraw officially from a course in compliance with the above procedure; or 2) Register for a course but do not meet course requirements.

Upon the written recommendation of a licensed physician or clinical psychologist, or in other unusual circumstances, a student may be granted permission to withdraw officially from a course for medical, psychological, or other similar reasons after the official withdrawal period upon receiving approval from the Associate Vice President of Undergraduate Studies. If approval is granted, a grade of WX, WP or WF, as assigned by the professor, will be awarded.

Withdrawal Policy—Dropping all Courses: The following policy applies when a student drops all courses in which he or she is enrolled, which is known as withdrawal from the University. Students are advised strongly to complete courses in which they are enrolled and not to withdraw from the University unless absolutely necessary.

Before the end of the twelfth week of classes during any regular semester, a student reports to or writes to Academic Records and Registration Services to withdraw from the University.

If a student's written request to withdraw from the University is granted, all grades will be assigned in the same manner and under the same provisions as the regular course withdrawal guidelines except that the student will not be required to contact his or her instructors. Instead, the instructor of each course assigns a WX, WP, WF or letter grade as appropriate depending on the date and circumstances of withdrawal. If medical or other reasons make it impossible for the student to follow the usual procedures, a letter requesting withdrawal that explains the situation, with appropriate verification and the student's signature, will be sufficient. Withdrawals made by mail are addressed to Academic Records and Registration Services, Illinois State University, Campus Box 2204, Normal, IL 61790-2204, or by fax to (309)438-7234.

Regardless of the circumstances of withdrawal, the student is responsible for returning any laboratory equipment and library materials. The student will pay for any parking fines and remove the parking decal from any registered vehicle.

The student will contact the Office of Residential Life to obtain clearance from room and board obligations and to arrange for vacating the residence hall room. The student should arrange with the Financial Aid Office to place any scholarship on leave or cancel it and make arrangements for future financial assistance. Arrangements for payment of loans must be made in the Office of Student Accounts. Consult *Class Registration Directory* for information on refunds.

A grade of F will be given to students who 1) do not attend their courses but fail to withdraw from the University before the specified final withdrawal date, and to students who 2) register for a course but do not complete course requirements. In unusual cases, exceptions may be granted by the Associate Vice President for Undergraduate Studies.

Repetition of Course(s) Requirements: A student may repeat a course only once—if a student completes a course, or drops a course after the tenth day of classes receiving a grade of WX, WP, or WF, he or she may enroll officially in that course one additional time, and the repetition must occur at Illinois State.

When a course has been repeated, both the original and the subsequent grade (A,B,C,D,F,W,F)

are included in the student's GPA. The original grade will not be removed from the student's transcript, and the credit hours will count only once toward meeting minimum hourly requirements for graduation. Students who wish to repeat a course must do so at Illinois State; courses taken at another college or university may not be used to repeat Illinois State University courses.

Requests for third time enrollment for a course are initiated with the student's advisor. The advisor then reviews the request and forwards it to Undergraduate Studies.

Cross-listed Course Policy: Courses offered by more than one department, but treated as one course for credit purposes. A cross-listed course will be considered as one course regardless of the department through which the student registered for the course. This is a general rule that applies to all cross-listed courses taken for any purpose.

Course Load Requirements: A full-time undergraduate student carries between 12 and 17 hours. For enrollment verification purposes, 12 hours is considered full-time for undergraduate students. A student wishing to carry more than 17 hours in a semester may seek permission to do so from the chairperson of his or her major department. The granting of this permission will depend on the student's scholastic record. A freshman may not carry over 17 hours during his or her first semester.

NOTE: First-term freshmen with ACT composite scores of 19 or less and students on academic probation and first semester New Start students, may not carry more than 14 credits. Students wishing an exception to this policy must request such from their academic advisor. Students who are employed more than 15 hours per week should consider reducing their course load correspondingly.

A student considering enrolling in any classes, including extension or correspondence, at another college or university with concurrent registration at Illinois State University should consult with his or her advisor.

Semester Plan and Summer Session: The University is operated on the semester plan and provides, in addition to its fall and spring semesters, a summer session with courses of varying lengths, and a variety of short-term offerings. The summer *Class Registration Directory* may be obtained by writing to the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200. The schedule contains information on the cost, schedule of classes, and special features of the summer session, such as short courses and workshops.

Additional Summer Academic Opportunities:

The University provides credit course work during the summer. Courses also are offered off campus. Limited student teaching and internship positions are available during the summer session. Prospective students may obtain the summer *Class Registration Directory* by writing to the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200. This schedule lists courses, costs, and other information for the session. Summer session students should refer to the *Undergraduate Catalog* and *Graduate Catalog* for academic requirements.

Evening and Off-Campus Classes: In addition to courses offered during the regular school day, evening and weekend classes are scheduled both on campus and off campus. For courses offered by Illinois State University, no differentiation is made between credits earned on campus and off campus. Inquiries concerning off-campus classes should be directed to Extended University, (309) 438-5288. Information about some of these extension credit course offerings is available in the *Class Registration Directory* published each semester. Non-credit workshops, seminars, and conferences are scheduled by the Illinois State Conferencing Unit, (309) 438-2160.

UNIVERSITY GRADING SYSTEM

Course Grades: Instructors assign a grade in each course for which the student is registered. The course instructor is responsible for correcting any error in grading.

The grade point equivalents are 4 for A, 3 for B, 2 for C, 1 for D, and 0 for all other grades. The 0 value of F as well as WF is computed in the student's grade point average. The 0 value of grades I, AU, CR, CT, NC, WP, and WX is not computed in the student's GPA. University grades assigned undergraduate courses are:

- A Excellent
- B Good
- C Satisfactory
- D Poor, But Passing
- F Failing—Assigned to students who are 1) enrolled in a course all semester but fail to earn a passing grade, or who 2) stop attending a class without officially withdrawing
- WX Withdrawal—Assigned to students who officially withdraw from a course before the quality of work can be determined and before the dates specified in the withdrawal policy

WP Withdrawal Passing—Assigned to students who officially withdraw from a course and who are doing passing work at the time of withdrawal

WF Withdrawal Failing—Assigned to students who officially withdraw from a course and who are not doing passing work at the time of withdrawal

I Incomplete

AU Audit

CR Credit—Assigned to students who do satisfactory work in a course which is offered on a Credit/No Credit basis only

CT Credit—Assigned to students who earn an A, B, or C grade in a course which they have elected to take under the Credit/No Credit option

NC No Credit—Assigned to students who 1) do not do satisfactory work in a course which is offered on a Credit/No Credit (CR/NC) basis only and to students 2) who do not earn an A, B, or C grade in a course that they have elected to take under the Credit/No Credit (CT/NC) option.

Incomplete: An incomplete (I) will be assigned to a student who is doing passing work but finds it impossible, because of reasons beyond his or her control (such as illness) to complete the required work by the end of the term. The student must have attended class to within three weeks of the close of the semester or to within one week of the close of the summer session.

The instructor may specify the time by which the required work must be completed, which may be no later than the final class day of the corresponding term of the following academic year. For graduating students, an incomplete grade must be removed at least six weeks before December or May commencement or two weeks before August graduation. **Students may not graduate with Incompletes on their record.**

When the Incomplete is assigned, the student, faculty member, and the department chairperson must sign an Incomplete removal form. The form will specify the date by which the work must be completed, the default grade (A, B, C, D, or F) that will be assigned if the work is not completed by the specified date, and the nature of the required work. If the instructor fails to file the appropriate grade change by the specified date, the Incomplete will lapse to the default grade specified.

Exceptions to this policy may be granted by the Associate Vice President for Undergraduate Studies.

Auditors: An auditor does not participate in the activity of the class but is expected to attend regularly. A student may register as an auditor in a class or classes if space is available. An Audit (AU) designation will appear on the student's transcript when the instructor certifies that the student has attended the class on a regular basis. If the student has not attended regularly, a WX will be recorded on the transcript after the instructor has notified the Registration Office in writing that the student has not attended regularly. To audit, a student must obtain an Auditor's Permit from the Registration Office, have the instructor sign it, and present the form at the Registration Office. Students must register to audit a course by the tenth day of classes in the semester, with any exception having the approval of the chairperson of the department in which the course is offered and the Associate Vice President for Undergraduate Studies. There is a fee for auditing; see the section on Costs. Students who are registered for sixteen or more hours for credit may audit courses without additional fees. Audited courses are considered part of the student's total load.

Credit/No Credit Courses: Certain courses in the University are offered on a Credit/No Credit (CR/NC) basis only. For these courses, students receive a grade of CR (Credit) or NC (No Credit). The offering of a particular course on a CR/NC basis only must be approved in advance by the Office of the Provost.

Credit/No Credit Student Option (commonly called Pass/Fail): An undergraduate student (except a first-semester freshman) who is not on academic probation may choose to register in some courses under an option that allows the student to be graded on the basis of CT (Credit) or NC (No Credit) rather than on the basis of A, B, C, D, or F grades.

This CT/NC option is designed to encourage students to enroll in courses they otherwise would not take. Some courses, therefore, including those in a student's major or minor, may not be taken on the CT/NC option. Exceptions include courses in the student's major or minor field that are offered only as credit/no credit courses.

No more than six semester hours of work under the CT/NC option may be taken each semester, with a maximum of 25 semester hours under the CT/NC option presented for graduation. Although an entry of CT (credit earned under the option) or NC (no credit earned under the option) will be entered on the student's record, these entries are not used in computing the student's GPA.

Students who plan to enter graduate or professional schools should exercise caution in taking courses under the CT/NC option because courses

completed on a pass-fail basis may adversely affect graduate admission opportunities. Such students should consult their academic advisor prior to taking courses on a pass/fail basis.

A grade of CT is recorded when the grade submitted by the instructor is A, B, or C. A grade of NC is recorded when the grade submitted by the instructor is D or F.

Students electing the CT/NC option should do so as part of the regular registration process. Students may not elect the option after the tenth day of classes in the semester. Students who have elected the CT/NC option may return to the letter basis of grading before the last date for withdrawing from a course, as specified in the *Class Registration Directory*.

Grade Point Average: To be eligible for graduation, a student must have a minimum grade point average (GPA) of 2.0 (C) in all courses taken at Illinois State University for which grades of A, B, C, D, F, or WF are assigned. Failures are considered in the total number of semester hours taken in computing the GPA. The table below illustrates how grade points are counted to determine the GPA.

Grade Course	Grade	Sem. Hrs. Enrolled	Sem. Hrs. Earned	Sem. Hrs. For GPA	Grade Points
POS 105	D	3	3	3	3
BSC 145	CT	2	2	0	0
COM 110	A	3	3	3	12
MUS 139	I	1	0	0	0
CHE 102	B	3	3	3	9
HPR 133	WX	1	0	0	0
IDS 106	NC	1	0	0	0
Totals		14	11	9	24

The GPA is computed by dividing grade points earned by semester hours counted for GPA. In the case above, a GPA of 2.66 is calculated by dividing 24 (total grade points) by 9 (semester hours for GPA). Grades of WX, WP, CT, CR, I, and NC do not affect the GPA.

ACADEMIC PROGRESS ALERT

The Academic Progress Alert is an assessment of the undergraduate student's performance in each 100-level course in which the student is enrolled. This assessment will be mailed to the student in the first half of the semester.

ADDITIONAL ACADEMIC REQUIREMENTS

Class Attendance: The attendance regulation of the University is based on two principles. First, students are expected to attend class regularly; and second, students are primarily responsible to the instructor in matters pertaining to class attendance. Every student will be held responsible for class attendance and successful completion of academic

work. Attendance regulations are intended to encourage student maturity and are based on the assumption that academic success is the student's primary goal in college.

Illinois State University deeply values and supports the required participation of students in Sanctioned University Activities. Instructors will provide such students with reasonable accommodations for completing missed exams, quizzes, and the like. The Office of the Vice President of Student Affairs will determine Sanctioned University Activities. It is the responsibility of the student to 1) inform instructors of scheduled absences in advance, 2) where possible and as soon as possible, provide a schedule of all semester absences, and 3) arrange to complete missed classroom work. Ultimately, students are responsible for material covered in class. In the event of disagreement regarding this policy, the issue will be directed to the appropriate Associate Vice President for Academic Affairs for arbitration.

The University will accommodate, within reason, students whose religious obligations require absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

Class Standing: Students in a bachelor's degree program are classified as freshmen, sophomores, juniors, and seniors. A student must have completed 30 semester hours to be classified as a sophomore, 60 hours to be classified as a junior, and 90 hours to be classified as a senior. Students not working toward a degree at Illinois State are listed as Unclassified Students.

Major Field(s) of Study: Students may select a major field of study at the time of admission unless the field they choose has special admissions standards. Students who are undecided about a major field are classified as General Students and are encouraged to select a major field of study as soon as possible. The major and minor fields of study available at Illinois State are described later in this catalog.

A student may complete the requirements for two majors, both of which will be identified on the student's transcript provided all requirements are completed in both majors and the degree is awarded. When a student double majors, the student indicates only one major for purposes of registration.

Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a major and a second major.

Change of Primary or Secondary Major: A student wishing to enter a second major or change

majors must consult the chairperson of the department offering the major.

Program Specific Admission Criteria: Illinois State University regulates admission to designated programs when the number of students seeking to enter or transfer exceeds the available educational resources of the department or to raise the level of student preparation and qualification. Students may be required to meet supplementary selection criteria. Supplementary selection criteria may be based on scholastic achievement, including prerequisite and General Education course work and may include auditions, portfolios, work experience, etc. The selection criteria can be obtained from the intended-major department advisor.

Dismissal from Major: A student who is placed on academic probation for a second or subsequent time will be dropped automatically from his or her major. The student dropped from the major will be classified as a General Student and will receive academic advisement from the Academic Advisement Center. In order to become a major in a department after being dropped, the student must be accepted by the department in which he or she desires to be a major.

Minor Field(s) of Study: Students often elect a minor field of study. A student may elect to complete the requirements for two minors, both of which will be identified on the student's transcript upon receipt of degree. A student wishing to enter a minor, second minor or change minors consults with the academic department(s) offering the minor. Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a minor and a second minor.

Certification Programs: Students who fail to maintain the specific grade point average required by their teaching or other certification program may be dismissed from that program. At the option of the department, students dropped from the program may pursue a degree in their major or be classified as a General Student and will receive academic advisement from the Academic Advisement Center. To become a candidate for a certification program after being dropped, students must be accepted by the department in which they desire to pursue a certification program.

Academic Good Standing: To maintain academic good standing, a student must achieve a minimum cumulative GPA of 2.0. The number of semester hours completed includes all college work done by the student. However, only the grades earned at Illinois State are used in computing the GPA.

For satisfactory progress for financial aid purposes, see Satisfactory Progress Policy in this catalog. "Academic Good Standing" status is sufficient for continued enrollment in the University and may be necessary for eligibility to serve on various University committees and for participation in some co-curricular activities. Academic Good Standing status does not guarantee admission to, or retention in, specific departments or programs. Information concerning admission to and retention in specific programs is listed in the *Undergraduate Catalog* under the appropriate departmental or program descriptions.

Academic Probation: Students who fail to meet the above requirements are placed on academic probation. Information about the probation regulations or a student's own probation status may be secured from the Associate Vice President for Undergraduate Studies, 308 Hovey, Campus Box 4900.

Academic Dismissal: At the end of any semester, except for summer session, when a student goes on probation a second or subsequent time, he or she is dismissed from the University.

Academic Reinstatement: Students dismissed from the University may petition the Reinstatement Committee for permission to continue. Petition information is sent to the student's home address if applicable. Failure to act upon such request within the deadlines specified in that information will assure non-attendance. Therefore, students should keep their addresses current.

A student should expect to remain out of school for at least one calendar year before the Reinstatement Committee will act on a request for reinstatement. Only students who have extenuating circumstances or errors in their academic records should plan to apply for reinstatement for the semester following their dismissal.

"Automatic" Reinstatement: Students who have not been on academic probation more than four times and who earn a semester GPA of 2.10 or higher will be "automatically" reinstated to the University.

Reinstatement from Dismissal: A student who has been academically dismissed from Illinois State for poor scholarship must be reinstated by the University Reinstatement Committee and must meet university-wide readmission requirements in order to re-enroll. Readmission applications may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200. The readmission application must be completed and must include a one-page, concise letter, with relevant documentation attached, which accounts for previous failure to achieve good academic standing and outlines a thoughtful plan for earning higher grades.

If a student attends any other higher educational institution after dismissal from Illinois State, he or she must indicate such attendance on the readmission application and supply an official transcript from the other school(s). Students must have earned a C average (2.0/4.0) or higher for all course work taken since last attending Illinois State and have been in good academic standing at the last institution attended as a full- or part-time student.

Repeated failures to do satisfactory work may result in permanent exclusion from the University.

New Start Option: Students who leave Illinois State in a degree program with less than a 2.0 GPA may return and begin with a new GPA calculated from the point of their reentry in three limited situations:

1. **Adult Learner Option:** Former Illinois State students at least 25 years of age may reenroll through this program as General Students. If they have attended any college (including Illinois State) in the three calendar years preceding re-enrollment at Illinois State, they must have achieved at least a 2.0 GPA for that college work. Transfer credit will be evaluated and appropriately awarded, and a new Illinois State GPA will be calculated from the time of admission to the New Start-Adult Learner program.
2. **Veterans' Option:** Students who complete at least a one-year tour of duty and present a discharge for reasons other than dishonorable, and whose first attendance at a college or university after discharge is at Illinois State, are admitted. Students who are veterans may reenter Illinois State as General Students. A cumulative GPA will be calculated from the point of admission to the New Start-Veterans' program.
3. **Community College Transfer Option:** Former Illinois State students who earned 60 or fewer hours at Illinois State prior to enrolling at a community college and who subsequently earn at least 30 hours and a currently accepted associate degree (A.A. or A.S.) from a community college with at least a 2.0 GPA may reenter as a General Student. The cumulative GPA will be calculated from the point of readmission. Transfer credit will be evaluated and appropriately awarded.

A student may exercise the New Start Option only once. Such students will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA. All grades earned at Illinois State, regardless of when earned, will be used in the calculation of the major GPA, the minor GPA, and graduation honors. Students who reenter under the New Start Option must follow the *Undergraduate Catalog*

in effect at the time of reentry. To be eligible for graduation, a student must earn at least 30 semester hours at Illinois State University after exercising this option.

ACADEMIC INTEGRITY

Students are expected to be honest in all academic work. A student's name on any academic exercise (theme, report, notebook, paper, examination) shall be regarded as assurance that the work is the result of the student's own thought and study. Offenses involving academic dishonesty include, but are not limited to the following:

- a. Cheating on quizzes or examinations occurs when any student is found using or attempting to use any book, paper, or other article, or assistance from any individual intending to deceive the person in charge of the quiz or examination with reference to his or her work. No books, notes, papers or related articles shall be used at any quiz or examination unless specifically authorized by the person in charge. Conversation or other communication between individuals in examinations and quizzes is forbidden except as authorized by the instructor.
- b. Computer dishonesty is the unacknowledged or unauthorized appropriation of another's program, or the results of that program, in whole or in part, for a computer-related exercise or assignment.
- c. Plagiarism is the unacknowledged appropriation of another's work, words, or ideas in any themes, outlines, papers, reports, or computer programs. Students must ascertain from the instructor in each course the appropriate means of documentation. Submitting the same paper for more than one course is considered a breach of academic integrity unless prior approval is given by the instructors.
- d. Grade falsification is any attempt to falsify an assigned grade in an examination, quiz, report, program, grade book, or any other record or document.
- e. Collusion occurs when students willfully give or receive unauthorized or unacknowledged assistance on any assignment. This may include the reproduction and/or dissemination of test materials. Both parties to the collusion are considered responsible. No individual may substitute for another in any quiz or examination.

Consult the Student Dispute Resolution Services web site at www.ilstu.edu/depts/SDRS/Welcome.htm for more information.

PROFICIENCY AND PLACEMENT EXAMINATIONS

Students at Illinois State University may receive credit by examination through the following programs: College Level Examination Program (CLEP) General Examinations, Departmental Proficiency Examinations, CLEP Subject Examinations, and the Advanced Placement program. Students and prospective students are advised to plan their course work and examination attempts carefully because they may not receive credit by examination for a course in which they have been enrolled on the tenth day of classes.

CLEP General Examinations: Illinois State University grants credit by examination toward General Education for the College Level Examination Program under the following guidelines:

1. A student may receive credit for a maximum of 18 semester hours credit through CLEP General Examinations.
2. A student will be awarded 6 semester hours credit toward graduation and General Education requirements for a score of 570 on the Humanities, a score of 610 on the Natural Sciences, and a score of 550 on the Social Sciences and History general examinations passed. Credit will be awarded as follows:

Humanities

3 hours	Fine Arts	(Outer Core)
and/or 3 hours	Language in the Humanities	(Middle Core)

Natural Sciences*

3 hours	Biological Sciences	(Inner Core)
and/or 3 hours	Physical Sciences	(Inner Core)

Social Sciences and History

3 hours	Individuals and Society	(Middle Core)
and/or 3 hours	US Traditions	(Middle Core)

* If CLEP credit is received in both Biological and Physical Sciences the General Education lab requirement will be waived.

NOTE: Credit is not available for the English Composition or Mathematics General Examination.

3. A student who desires to take the CLEP General Examinations should do so before enrolling for classes at the University.
4. Credit earned through the CLEP General Examinations shall count toward General Education and graduation requirements only. A student may not use the CLEP General Examinations to raise grades or remove failures in courses already taken. All credit for CLEP General Examinations shall be considered credit at the 100-level.

5. A student who is awarded credit in one or more areas of the General Examinations should consult with his or her advisor to select other appropriate basic and advanced courses.
6. A student may not receive credit for both an area of the CLEP General Examinations and previously earned course credit of the same area. For example, a student who earned course credit in the Fine Arts (Art, Music, Theatre) may not receive credit for a General Examination in the Fine Arts area. Also, credit will not be awarded for the General Examination areas in which credit is earned through Departmental Proficiency Examinations, Advanced Placement Examinations, or CLEP Subject Examinations.
7. Students may take the CLEP General Examinations at Illinois State at times scheduled by the University Testing Office or at any CLEP Open Test Center. Students may contact the University Testing Office, 346B Fell Hall, Campus Box 4060, (309) 438-2100, for further information. Students who take the CLEP examinations are responsible for the cost of the examination.

Students who have taken CLEP General Examinations at another institution may request that scores be submitted to Illinois State by contacting CLEP, P.O. Box 6600, Princeton, NJ 08541-6600 or telephone (609) 771-7865.

Departmental Proficiency Examinations:

Departmental Proficiency examinations are offered in most 100-level and in a limited number of 200-level courses. The purposes of the examinations are to allow students to receive credit for knowledge acquired previously and to allow students to enroll in more advanced courses or to add breadth to their academic programs. Proficiency examinations are optional and recommended only for students who are unusually skilled in the discipline in which the examination is taken. Specific information about the nature of a given examination should be obtained directly from the appropriate departmental office. Below are University guidelines and procedures relating to proficiency examinations:

1. The nature and content of each proficiency examination shall be determined by the department in which the course is offered. Standards of performance required for receiving credit in a given course also shall be determined by the department offering the course; the level and quality of work required for satisfactory performance on a proficiency examination is equivalent to that required for a grade of C in the course.
2. Academic departments shall provide proficiency examinations in most 100-level courses that are regularly listed in the *Undergraduate Catalog* and the *Class Registration Directory*. Students will find a list of courses in which proficiency examinations are offered in the *Class Registration Directory*.
3. A description of each proficiency examination should be available in the department offering the examination. Students should contact the appropriate department chairperson for information about a specific examination, including qualifying experiences.
4. All Illinois State University students are eligible to take proficiency examinations; however, students who have not completed 12 hours of accredited college or university course work need written approval of the chairperson of the department in which the course is offered.
5. Letter grades will not be assigned for proficiency examinations; therefore, the GPA will not be affected.
6. Credit earned in proficiency examinations may not be used to raise grades or remove failures in courses in which a student has been enrolled previously.
7. No course credit will be awarded for a proficiency examination which is at a lower level than a course previously enrolled in or one that substantially duplicates the content of a course taken previously.
8. Students may take a proficiency examination only once.
9. Students may register for only one departmental proficiency examination each semester unless examinations are approved in writing by the chairs of the departments where the courses are being offered.
10. Students with disabilities should notify the appropriate departmental office of the need for any special accommodations prior to the date of the examination.
11. Students should register for an examination by returning the completed application form (see

the *Class Registration Directory*) to the Associate Vice President for Undergraduate Studies, 308 Hovey, Campus Box 4900.

CLEP Subject Examinations: In addition to the opportunities provided by the CLEP General Examinations previously described, several departments grant credit by examination in specific subject areas covered by CLEP Subject Examinations. Courses approved for credit under this program are HIS 101 and 102, MAT 145 and 146, POS 105 (includes U.S. Constitution only), PSY 111, and SOC 106.

The University Testing Office, 346B Fell Hall, Campus Box 4060, (309) 438-2100 provides information about test dates and fees.

Advanced Placement Program: The Advanced Placement Program is sponsored by the College Entrance Board. The examinations are administered at designated high school testing centers. Students will be awarded credit or exemption as indicated.

A student who has taken Advanced Placement Program examinations should request that his or her scores be sent to the University Registrar at Illinois State University. To request grade reports for Advanced Placement Examinations completed, a student should write to Advanced Placement Exams, Box 6671, Princeton, NJ 08541-6671. In making the request, the student should include name, sex, date of birth, the year in which the examination was taken, and the name and identification number of the college to which the grade report should be sent. Illinois State University's identification number is 1319. The College Board currently charges \$8.00 for this service.

NOTE: Students who have served at least one year of active duty and received an honorable discharge may receive six semester hours of elective credit. To qualify for this credit, a copy of the DD214 should be presented with the application for admission.

Advanced Placement Program

Examination	Score for Credit or Exemption	Course for which Credit is Allowed	Semester Hours Awarded
American Government	5 or 4	POS 105	3 hours
	5 or 4	POS 106	3 hours
American History	5, 4, or 3	HIS 135, 136	6 hours
Art Studio-General	5, 4, or 3	ART 100, 103	6 hours
Art Studio-Drawing	5, 4, or 3	ART 104	3 hours
Art History	5, 4, or 3	ART 150, 155, 156	9 hours
Biology	5 or 4	BSC 196 and 197	8 hours
Chemistry	5	CHE 140, 141	8 hours
	4	CHE 140	4 hours
Comparative Politics	4 or 5	POS 141	3 hours
Computer Science Test A	4 or 5	ACS 168	4 hours
Computer Science Test AB	5, 4	ACS 168, 169	7 hours
	3	ACS 168	4 hours
English Lang-Comp	5	ENG 101, 145	6 hours
	4	ENG 101	3 hours
English Lit-Comp	5, 4	ENG 125	3 hours
Environmental Science	5, 4, or 3	HSC 156	3 hours
European History	5, 4, or 3	HIS 101 and 102	6 hours
Latin	5 or 4	FOR Latin 116	4 hours
French Literature	5 or 4	FOR French 220	3 hours
French Language	5 or 4	FOR French 115 and 116	8 hours
German Language	5 or 4	FOR German 115 and 116	8 hours
Spanish Language	5 or 4	FOR Spanish 115 and 116	8 hours
Spanish Literature	5 or 4	FOR Spanish 233.15	3 hours
Macro Economics and			
Micro Economics	5 or 4	ECO 105	4 hours
Calculus Test BC	5, 4, or 3	MAT 145 and 146	8 hours
	2	Dept. review	
Calculus Test AB	5	MAT 145 and 146	8 hours
	4	MAT 145, 146, Dept. review	4-8 hours
	3	MAT 145	4 hours
Music Listening and			
Literature	5, 4, or 3	MUS 151	3 hours
Music Theory	5, 4, or 3	MUS 100	3 hours
Physics Test B	5, 4, or 3	PHY 108 and 109	10 hours
Physics Test C, Part I	5, 4, or 3	PHY 110	4 hours
Physics Test C, Part II	5, 4, or 3	PHY 111	4 hours
Psychology	5 or 4	PSY 111	3 hours
	5, 4	PSY 110	3 hours
Statistics	5 or 4	MQM 100	3 hours
		ECO/GEO/POS/PSY 138	4 hours

GENERAL EDUCATION

General Education Requirements

General education provides students with a broad, common foundation of study upon which to build an undergraduate education. The program develops skills of oral and written communication, logical and scientific reasoning, computer usage, and quantitative analysis. Courses in general education explore ways of knowing in the various disciplines through examination of significant historical, social, cultural, and scientific issues. Students are normally expected to complete their general education requirements in their freshmen and sophomore years.

GENERAL EDUCATION REQUIREMENT OPTIONS

There are three ways to complete general education requirements for Illinois State. These three General Education programs have different requirements and affect only certain types of students.

I. The first way is to complete Illinois State University's General Education Program. The General Education Program requires 15 courses and 45 semester hours within a structured three-tiered system, explained fully in the section, **General Education Program-Illinois State University**.

The following categories of students must complete the Illinois State University General Education Program requirements:

1. Beginning Freshmen
2. Students readmitted to Illinois State University who have not completed a baccalaureate-oriented associates degree (A.A. or A.S.) from an Illinois public community college and are not eligible for an earlier catalog.

II. The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program is a statewide agreement

between participating public colleges and universities and some private schools that is designed to facilitate timely degree completion for students who transfer between institutions. The Illinois Transferable General Education Core Curriculum structure consists of 12 to 13 courses (37 to 41 semester credits) distributed among five subject areas. Completion of these courses at any participating institution satisfies general education requirements. The IAI Transferable Core is presented in the section entitled **General Education-Illinois Articulation Initiative**. (More information about this system and participating institutions can be found at the following web site address: www.iTransfer.org)

The following category of students may complete the Illinois Transferable General Education Core Curriculum:

1. Students who began the Illinois Transferable General Education Core Curriculum at a participating IAI institution and transferred to Illinois State may choose to complete the program by enrolling in Illinois State approved IAI courses.
2. Transfer students who have completed at least one transfer course that is articulated to an IAI core requirement.
3. Students who have completed the Illinois Transferable General Education Core Curriculum at a participating IAI institution are considered to have met Illinois State University's General Education requirement.

III. There is also a third way in which general education requirements can be met.

Students who transfer with a completed baccalaureate-oriented associates degree (A.A. or A.S.) from a public community college are considered to have satisfied Illinois State University's General Education Program requirements.

Any transfer student may choose to complete Illinois State University's General Education Program.

Illinois State University offers several study abroad programs that feature a wide variety of gen-

eral education classes. Students sometimes chose to spend a semester during their sophomore year at a number of locations in Europe gaining cultural understanding and global skills while taking a full load of general studies courses all of which apply to their programs. Interested students should contact their academic advisor or the Office of International Studies and Programs.

General Education Program— Illinois State University

The General Education Program at Illinois State University is an integrated set of courses that focuses on the development of communication and problem-solving skills and abilities, such as persuasion, listening, argumentation; logical and quantitative thinking, and understanding varying perspectives on issues. These skills and abilities provide an essential grounding for work in the student's major.

The premise of the General Education Program is that education should be a developmental process and not simply an assimilation of a prescribed set of facts. The program's overall structure is designed to ensure that developmental objectives are achieved through the coherent and sequential interrelationship of courses. Inner Core courses provide basic knowledge and skills upon which Middle Core courses build, and those courses in turn prepare students for courses in the Outer Core. Therefore, students are expected to take most Inner Core courses before they enroll in Middle Core courses and to complete the Inner Core and most of the Middle Core before enrolling in Outer Core courses.

The complete General Education Program consists of 15 courses and 45 semester hours, which is approximately one-third of the total credits required for graduation.

Students will take most General Education courses during their freshman and sophomore years, along with some courses in their major or other elective courses.

While some specific courses are important to take as part of preparation for a major (such as certain mathematics or science courses), the choices of which course to take in each category are decisions for *students* to make. Students are encouraged to choose courses that will give them the broadest possible general education and to explore and challenge themselves through their course choices.

Cross-listed Course Policy: Courses offered by more than one department, but treated as one course for credit purposes. A cross-listed course will be considered as one course regardless of the department through which the student registered for the course. This is a general rule that applies to all cross-listed courses taken for any purpose.

The Illinois State University General Education Program consists of a 15-course requirement outlined as the following:

Inner Core (6 courses):

- 3 required courses taken by all students;
- 1 course chosen from a four course mathematics category; and
- 2 courses chosen from a four course natural science category.

Middle Core (5 course categories):

- 5 courses, one chosen from each course category.

Outer Core (4 courses; one each of four disciplines):

- 4 courses with the four courses spread across the four disciplines; and with at least one of the courses chosen from those whose content focuses on the cultures of Asia, the Middle-East, Africa, Latin America, or the indigenous peoples of the world (Global Studies/AMALI).

Students must comply with the following requirements:

- complete the General Education Program through completion of at least 15 courses and 45 semester hours, as designated in the program description.
- count no more than three semester hours of General Education Middle and Outer Core courses from their major department toward General Education credit.

IDS 100, Foundations of Inquiry serves as the prerequisite or corequisite for all Inner Core courses and the prerequisite for all Middle Core courses. Students transferring in more than 30 hours of AP and/or transfer credit may have the IDS 100, Foundations of Inquiry course requirement waived. These students will have only 5 courses and 15 semester hours in the Inner Core and will be required to complete an additional Middle Core or Outer Core course to satisfy the requirement of 15 courses and 45 semester hours of General Education credit.

General Education Course Requirements

INNER CORE GENERAL INFORMATION

Foundations of Inquiry (IDS 100) involves students in a systematic investigation of the nature, methods, and purposes of knowing and how it is manifested in different disciplinary and cultural contexts. The course offers an introduction to intellectual inquiry and provides a foundation of skills, knowledge, and attitudes for the entire undergraduate curriculum.

Other Inner Core courses emphasize the acquisition of specific academic skills in language, mathematics, and science. The content and teaching of these courses are closely coordinated with Foundations of Inquiry.

A total of six courses are required in the Inner Core. Students take IDS 100, Foundations of Inquiry, the first semester of their freshman year. Students take either ENG 101, Language and Composition, or COM 110, Language and Communication, the first semester of their freshman year and the other course the second semester of their freshman year. The mathematics and natural science requirements are to be completed during the freshman year, or as early as possible in the first two years.

Inner Core Course Listing

(all 3 courses required) [IC]

IDS 100	Foundations of Inquiry
ENG101	Language and Composition
COM110	Language and Communication

Mathematics (1 course required) [IC-M]

MAT 111	Data and Chance
MAT 120	Finite Mathematics
MAT 130	Dimensions of Mathematical Problem-Solving
MAT 145	Calculus I

Natural Sciences (2 courses required) [IC-NS]

BSC 101	Fundamental Concepts in Biology
CHE 102	Chemistry and Society
GEO 102	Principles of Geology
PHY 102	Atoms to Galaxies

A student may substitute these alternative science-laboratory courses for General Education credit in Natural Sciences. For students enrolled in

any major program that requires one or more of the following courses, these courses are especially appropriate. Students must complete at least one course each from two different sciences, regardless of whether the courses are in the IC-NS or IC-NSA category.

Natural Science Alternatives [IC-NSA]

BSC 196	Biological Diversity
BSC 197	Molecular and Cellular Basis of Life
CHE 110/112	Fundamentals of Chemistry and Laboratory
CHE 140	General Chemistry I
PHY 105	Fundamentals of Physics
PHY 108	College Physics I
PHY 110	Physics for Science and Engineering I

MIDDLE CORE GENERAL INFORMATION

These courses provide opportunities for the continued development of academic skills applied to a range of topics and involving a variety of disciplinary perspectives. There are five course categories in the Middle Core:

Quantitative Reasoning (MC-QR)
 Language in the Humanities (MC-LH)
 United States Traditions (MC-UST)
 Individuals and Civic Life (MC-ICL)
 Individuals and Societies (MC-IS)

A total of five courses are required in the Middle Core. Students complete one course from each of the five categories.

Middle Core Course Listing

Quantitative Reasoning (1 course required) [MC-QR]

Students pursuing a B.A. degree must complete the equivalent of Foreign Language 115 or higher rather than one of these courses.

ACS 115	Reasoning About Complex Systems
ECO/GEO/POS/PSY 138	Social Science Reasoning Using Statistics
MAT 121	Applied Calculus
MAT 146	Calculus II
MAT/POS 162	Conflict, Cooperation, and Strategic Decision-Making
MQM 100	Statistical Reasoning
PHI 112	Language, Logic and Mathematics
PHY 117	Numerical Reasoning in Nature and Technology

Language in the Humanities (1 course required) [MC-LH]

COM/ENG/FOR128	Gender in the Humanities
ENG/FOR 125	Literary Narrative
IDS 121	Texts and Contexts
IDS 254	Religions and Cultures

United States Traditions (1 course required) [MC-UST]

ENG/HIS 131	American Culture: Traditions and Texts
FCS/HIS/SOC112	American Family: Change and Diversity
HIS/SOC 111	American Diversity: Contested Visions of U.S. Experience

Individuals and Civic Life (1 course required) [MC-ICL]

CJS 102	Individuals, Society, and Justice
PHI 104	The Ideal of Democracy
POS 101	Citizens and Governance
POS 106	U.S. Government and Civic Practices

Individuals and Societies (1 course required) [MC-IS]

AGR 201	Resources, Food and Society: A Global Perspective
ANT 175	Cross-Cultural Perspectives on Contemporary Human Problems
ECO 103	Individual and Social Choice
GEO 140	Human Geography
IT/SOC 175	Living in a Technological World
PSY 110	Explaining Human Behavior
PSY/SOC 131	Social Psychology
SOC 108	Contemporary Social Problems in Global Perspective
WS 120	Women, Gender, and Society

OUTER CORE GENERAL INFORMATION

These courses give insight into the varied nature of disciplinary knowledge, introducing students to the ways that specific disciplines create knowledge and examining the interplay between disciplined inquiry and the larger world in which such inquiry takes place.

A total of 4 courses are required in the Outer Core. Students must complete one course chosen from each of four discipline groups: Science, Mathematics and Technology; Fine Arts; Humanities; and the Social Sciences. And, at least one of the four courses must be chosen from those designated to be about the cultures of Asia, the

Middle-East, Africa, Latin America, or the indigenous peoples of the world (Global Studies/AMALI).

Outer Core Course Listing**Science, Mathematics, and Technology**

(1 course required; either OC-KD/SMT or OC-DKCC/SMT)

Knowing in the Disciplines [OC-KD/SMT]

BSC 160	Microbiology and Society
BSC 202	Humans and the Biosphere
CHE 104	Chemistry of Life
GEO 202	Evolution of the Earth
GEO 207	Natural Disasters
GEO 211	Earth's Dynamic Weather
HSC 156	Environmental Health in the 21st Century: Meeting the Global Challenge
PHY 205	Origin of the Universe
PHY 207	Energy and Society

Disciplinary Knowledge in Cultural Contexts [OC-DKCC/SMT]

ACS 214	Social, Legal, and Ethical Issues in Information Technology
AGR 203	Agriculture and the Environment
BSC 145	Human Biology
BSC 170	Genetics and Society
FCS/HPR/HSC 208	Dynamics of United States Contemporary Health Issues
IT 275	Technology and Quality of Life
PHY 206	Chaos and Complexity

Social Sciences

(1 course required; either OC-KD/SS or OC-DKCC/SS)

Knowing in the Disciplines [OC-KD/SS]

ANT 101	Human Origins
ANT/ENG/FOR 143	Unity and Diversity in Language
GEO 135	World Geography
HIS 264	History of Women in North America
POS 140	Introduction to the Politics of Africa, Asia, and Latin America **
PSY 113	Development Through the Life span
SOC 240	People in Places: Understanding and Developing Community
SWK 125	Building Healthier Communities Through Community Involvement

Disciplinary Knowledge in Cultural Contexts [OC-DKCC/SS]

ANT 185	Cultures of the World**
FCS 222	Cultural Diversity in Dress
FCS 224	Enduring Issues for Couples and Families
GEO 235	Geography of Emerging Areas**
HIS 103	History of Asia, Middle East, Africa, Latin America, or Indigenous Peoples**
HSC 170	Safety and Society
IDS 206	Geography and Politics of International Conflicts

Fine Arts

(1 course required; either OC-KD/FA or OC-DKCC/FA)

Knowing in the Disciplines [OC-KD/FA]

MUS 152	Experiencing Music
THE 152	Experiencing Theatre

Disciplinary Knowledge in Cultural Contexts [OC-DKCC/FA]

ART 176	Arts and Society: Visual Arts
ART 275	World Arts: Visual Arts**
MUS 176	Arts and Society: Music
MUS 275	World Arts: Music**
THE 176.01	Arts and Society: Theatre
THE 176.02	Arts and Society: Film
THE 275.01	World Arts: Theatre**
THE 275.02	World Arts: Film**

Humanities

(1 course required; either OC-KD/H or OC-DKCC/H)

Knowing in the Disciplines [OC-KD/H]

ENG 229	Introduction to Literary Genres
IDS 207	Representation
PHI 251	Visions of the Self: A Study of Minds and Persons

Disciplinary Knowledge in Cultural Contexts [OC-DKCC/H]

ENG/FOR 206	Cultural Expressions in Social Contexts: Women of Asia, Latin America and Africa **
ENG 261	Women's Literature in a Global Context
FOR 106	Myth and Meaning

FOR/HIS 119	Continuity and Change: Introduction to Western Culture
IDS 203	Nations and Narrations **
PHI 150	Science and Human Culture
PHI 202	Sex, Values, and Human Nature
PHI 224	Meaning and Religious Belief
PHI 238	Rights and Wrongs

**** Courses with Global Studies/AMALI designation, indicating a focus on cultures of Asia, the Middle East, Africa, Latin America, or the indigenous peoples of the world.**

Codes used throughout the Illinois State University General Education Program include the following:

IC	Inner Core
IC-M	Inner Core-Mathematics
IC-NS	Inner Core-Natural Science
IC-NSA	Inner Core - Natural Science Alternatives
MC-QR	Middle Core - Quantitative Reasoning
MC-LH	Middle Core - Language and the Humanities
MC-UST	Middle Core - United States Traditions
MC-ICL	Middle Core - Individuals in Civic Life
MC-IS	Middle Core - Individuals and Societies
OC-KD/SMT	Outer Core - Knowing in the Disciplines/Science, Mathematics, and Technology
OC-KD/SS	Outer Core - Knowing in the Disciplines/Social Sciences
OC-KD/FA	Outer Core - Knowing in the Disciplines/Fine Arts
OC-KD/H	Outer Core - Knowing in the Disciplines/Humanities
OC-DKCC/SMT	Outer Core - Disciplinary Knowledge in Cultural Contexts/Science, Mathematics, and Technology
OC-DKCC/SS	Outer Core - Disciplinary Knowledge in Cultural Contexts/Social Sciences
OC-DKCC/FA	Outer Core - Disciplinary Knowledge in Cultural Contexts/Fine Arts
OC-DKCC/H	Outer Core - Disciplinary Knowledge in Cultural Contexts/Humanities

Global Studies/AMALI - courses that focus on the cultures of Asia, the Middle East, Africa, Latin America, or the indigenous peoples of the world.

INNER CORE COURSES

IDS

100 FOUNDATIONS OF INQUIRY IC 3 F,S
Restricted to students with less than 30 cr hrs. May not be taken under the CT/NC option.

Systematic investigation of the nature of knowing in different disciplinary and cultural contexts. Provides a foundation of academic skills, knowledge, and attitudes for later course work.

ENG

101 LANGUAGE AND COMPOSITION IC 3 F,S,Summer
IDS 100 or conc reg req. English Placement Exam req for reg. Not for cr maj/min. May not be taken under the CT/NC option.

Rhetorical approach to writing, taught through extensive collaborative drafting, revising, and editing. Emphasis on critical reading and analysis. Computer-assisted.

COM

110 LANGUAGE AND COMMUNICATION IC 3 F,S,Summer
IDS 100 or conc reg req. May not be taken under the CT/NC option. Formerly FUNDAMENTALS OF SPEECH COMMUNICATION.

Course focuses on the development of communication competence, critical thinking, and ethical practices in public speaking, small group, and interpersonal contexts.

Inner Core - Mathematics

MAT

111 DATA AND CHANCE IC-M 3 F,S
IDS 100 or conc reg req. Mathematics Placement Exam or C or better in MAT 104 req. Not for cr maj/min. May not be taken under the CT/NC option. Scientific calculator req.

Data representations, curve fitting, interpretation of polls and experiments, central tendency, statistical reasoning, applications of probability. Technology used where applicable.

MAT

120 FINITE MATHEMATICS IC-M 4 F,S
IDS 100 or conc reg req. Mathematics Placement Exam or C or better in MAT 119 req. Not for cr maj/min. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Linear functions, matrices, systems of linear equations, sets and counting, probability, statistics, and mathematics of finance.

MAT

130 DIMENSIONS OF MATHEMATICAL PROBLEM-SOLVING IC-M 3 F,S
IDS 100 or conc reg req. Mathematics Placement Exam or MAT 104 req. Not for cr maj/min. May not be taken under the CT/NC option. Scientific Calculator req.

Multi-dimensional focus on mathematical problem solving and reasoning with understanding in algebra, number theory, and geometry.

MAT

145 CALCULUS I IC-M 4 F,S
IDS 100 or conc reg req. Mathematics Placement Exam or C or better in MAT 144 req. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Polynomial, exponential, logarithmic and trigonometric functions. Differentiation with associated applications. Introduction to integration with applications.

Inner Core - Natural Sciences

BSC

101 FUNDAMENTAL CONCEPTS IN BIOLOGY IC-NS 3 F,S
IDS 100 or conc reg req. Not for cr maj/min. May not be taken under the CT/NC option. Lecture, recitation, and lab. Material charge optional.

Learning and applying biological concepts in the areas of health, medicine, environment, and ethics.

CHE

102 CHEMISTRY AND SOCIETY IC-NS 3 F,S
IDS 100 or conc reg req. Lecture and lab. Open only to students with no college cr in chemistry. May not be taken under the CT/NC option. Material charge optional.

Selected topics from chemistry and science in general, and illustration of relevance of chemistry and other sciences in today's world. Lectures, demonstrations, recitation, and lab.

GEO

102 PRINCIPLES OF GEOLOGY IC-NS 3 F,S
IDS 100 or conc reg req. Not for cr maj/min. Not for cr if had GEO 105. May not be taken under the CT/NC option. Lecture and lab.

Examination of the principles of geology and the tectonic, rock, hydrologic, and geomorphic cycles in terms of assumptions, forces, products, and consequences.

PHY

102 ATOMS TO GALAXIES IC-NS 3 F,S
IDS 100 or conc reg req. Not for cr maj/min. May not be taken under the CT/NC option. Lecture and lab.

Concepts, history, and methodology of physical ideas such as motion, thermodynamics, electromagnetism, quanta, and relativity with interrelationships and applications. Theme or focus may vary.

Inner Core - Natural Science Alternatives

BSC

196 BIOLOGICAL DIVERSITY IC-NSA 4 F,S
IDS 100 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.

Introduction to structure and function of the major groups of microorganisms, plants, and animals, emphasizing evolutionary relationships among the major groups.

BSC

197 MOLECULAR AND CELLULAR BASIS OF LIFE IC-NSA 4 F,S
IDS 100 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.

Introduction to molecules, processes, and cellular organization of living organisms.

CHE

110/112 FUNDAMENTALS OF CHEMISTRY AND LABORATORY IC-NSA 4/1 F,S
IDS 100 or conc reg req. Not for cr if had CHE 140 or 141. CHE 110 or conc reg req for CHE 112. May not be taken under the CT/NC option. Materials charge optional for CHE 112.

Introductory survey of fundamental concepts, laws, and theories of chemical science and their application to common chemical systems.

CHE

140 GENERAL CHEMISTRY I IC-NSA 4 F,S
IDS 100 or conc reg req. First half of a 2-sem seq. Lecture and lab. Designed primarily for students with high school cr in chemistry. Algebra is req. Not for cr if had CHE 110. May not be taken under the CT/NC option. Materials charge optional.

Introduction to stoichiometry, thermochemistry, atomic structure, molecular structure and bonding, chemical equilibrium, and kinetics with applications to gases, solids, liquids, and solutions.

PHY

105 FUNDAMENTALS OF PHYSICS IC-NSA 4 F,S
Not for cr if had PHY 108, 110 or equiv. Lecture and lab. Intended for students not maj or min in the physical sciences. May not be taken under the CT/NC option.

Concepts and principles of mechanics, heat, wave motion, electricity, magnetism, and light. Applications to everyday life.

PHY

108 COLLEGE PHYSICS I IC-NSA 5 F,S
IDS 100 or conc reg req. 2 years of high school algebra or equiv rec. Not for cr if had PHY 110 or equiv. Lecture and lab. May not be taken under the CT/NC option.

Basic principles of mechanics, wave motion, sound and heat, developed with algebra. Includes diverse scientific and technological applications.

PHY

110 PHYSICS FOR SCIENCE AND ENGINEERING I IC-NSA 4 F,S
IDS 100 or conc reg req. MAT 145 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Not for cr if had PHY 108 or equiv. Materials charge optional.

Basic principles of mechanics, wave motion, and sound, developed with calculus. Includes diverse scientific and technological applications.

MIDDLE CORE COURSES**Middle Core - Quantitative Reasoning****ACS**

115 REASONING ABOUT COMPLEX SYSTEMS MC-QR 3 F,S
IDS 100; MAT 111, 120, or 145 req. May not be taken under the CT/NC option.

Systems theory applied to complex systems. Design, construction, uses, and analysis of simulations for complex systems.

ECO

138 SOCIAL SCIENCE REASONING USING STATISTICS MC-QR 4 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as GEO/POS/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

GEO

138 SOCIAL SCIENCE REASONING USING STATISTICS MC-QR 4 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/POS/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

MAT

121 APPLIED CALCULUS MC-QR 4 F,S
IDS 100; C or better in MAT 120 and either Mathematics Placement Examination or C or better in MAT 119 req. Not for cr maj/min. May not be taken under the CT/NC option. Dept-approved graphing calculator req. Formerly INTRODUCTION TO CALCULUS FOR BUSINESS AND SOCIAL SCIENCES.

Non-linear functions, intuitive differential, integral, and multivariate calculus, applications.

MAT

146 CALCULUS II MC-QR 4 F,S
IDS 100; C or better in MAT 145 req. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Techniques and applications of integration, L'Hopital's rule, improper integrals, applications, infinite series and Taylor's Theorem. Differential equations.

MAT

162 CONFLICT, COOPERATION, AND STRATEGIC DECISION-MAKING MC-QR 3 F,S
IDS 100; MAT 111, 120, 130 or 145 req. Not for cr maj/min. May not be taken under the CT/NC option. Also offered as POS 162.

Game theory, mathematical study of conflict and cooperation with applications. Analysis of two-person zero-sum and non-zero sum games, and n-person games.

MQM

100 STATISTICAL REASONING MC-QR 3 F,S
IDS 100; MAT 111, 120, or 145 req. Not for cr if had ECO 131, ECO/GEO/POS/PSY 138. May not be taken under the CT/NC option. Formerly BUSINESS AND ECONOMIC STATISTICS.

Application of statistical concepts to decision problems confronting organizations and individuals. Includes descriptive tools, probability concepts, sampling processes, statistical inference, regression, and nonparametric procedures. Includes computer applications.

PHI

- 112 LANGUAGE, LOGIC AND MATHEMATICS** MC-QR 3 F,S
IDS 100; MAT 111, 120, 130 or 145 req. May not be taken under the CT/NC option.

Using modern logic to understand basic mathematical concepts (such as function and proof) as well as complementary concepts outside mathematics (such as demonstration and explanation).

PHY

- 117 NUMERICAL REASONING IN NATURE AND TECHNOLOGY** MC-QR 3 F,S
IDS 100; MAT 111, 120, 130, or 145 req. May not be taken under the CT/NC option.

Logical, analytical, mathematical, and computational skills important to quantitative understanding of topics in nature and technology.

POS

- 138 SOCIAL SCIENCE REASONING USING STATISTICS** MC-QR 4 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/GEO/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

POS

- 162 CONFLICT, COOPERATION, AND STRATEGIC DECISION-MAKING** MC-QR 3 F,S
IDS 100; MAT 111, 120, 130 or 145 req. Not for cr maj/min. May not be taken under the CT/NC option. Also offered as MAT 162.

Game Theory, mathematical study of conflict and cooperation with applications. Analysis of two-person zero-sum and non-zero sum games, and n-person games.

PSY

- 138 SOCIAL SCIENCE REASONING USING STATISTICS** MC-QR 4 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/GEO/POS 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

Middle Core - Language in the Humanities

COM

- 128 GENDER IN THE HUMANITIES** MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as ENG/FOR 128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

ENG

- 125 LITERARY NARRATIVE** MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as FOR 125.

Critical reading and analysis of a variety of literary narratives that reflect on human experience.

ENG

- 128 GENDER IN THE HUMANITIES** MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as COM/FOR 128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

FOR

- 125 LITERARY NARRATIVE** MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as ENG 125.

Critical reading and analysis of a variety of literary narratives that reflect on human experience.

FOR

- 128 GENDER IN THE HUMANITIES** MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as COM/ENG 128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

IDS

- 121 TEXTS AND CONTEXTS** MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option.

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts.

IDS

- 254 RELIGIONS AND CULTURES** MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option.

A critical examination of diverse religious discourses and literacies and how they construct and reflect identity based on cultural differences.

Middle Core - United States Traditions

ENG

- 131 AMERICAN CULTURE: TRADITIONS AND TEXTS** MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS 131.

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art.

FCS

- 112 AMERICAN FAMILY: CHANGE AND DIVERSITY** MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS/SOC 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

HIS

- 111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE MC-UST 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as SOC 111.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class.

HIS

- 112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as FCS/SOC 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

HIS

- 131 AMERICAN CULTURE: TRADITIONS AND TEXTS MC-UST 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as ENG 131.

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art.

SOC

- 111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE MC-UST 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS 111.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class.

SOC

- 112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as FCS/HIS 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

Middle Core - Individuals and Civic Life

CJS

- 102 INDIVIDUALS, SOCIETY, AND JUSTICE MC-ICL 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Not for cr maj/min.

Explores justice, law, and civic life from historical, comparative, social science, and contemporary cultural perspectives.

PHI

- 104 THE IDEAL OF DEMOCRACY MC-ICL 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Critical examination of the nature and moral justification of democracy, particularly as it is practiced in the United States.

POS

- 101 CITIZENS AND GOVERNANCE MC-ICL 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Examination of the nature and purpose of government, the rights and responsibilities of citizenship, and the impact of societal cleavages.

POS

- 106 U.S. GOVERNMENT AND CIVIC PRACTICES MC-ICL 3 F,S**
IDS 100; ENG 101 and COM 110 req or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under CT/NC option. Not for cr if had POS 105. May not count towards Constitution Exam requirement.

Examines the sources and effects of practices and institutions of participation, influence and cleavages in U.S. politics.

Middle Core - Individuals and Societies

AGR

- 201 RESOURCES, FOOD, AND SOCIETY: A GLOBAL PERSPECTIVE MC-IS 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Food and fiber production and distribution problems, policies, and processes analyzed within social, economic, political, and cultural contexts of societies.

ANT

- 175 CROSS-CULTURAL PERSPECTIVES ON CONTEMPORARY HUMAN PROBLEMS MC-IS 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Overview of various contemporary human and global problems from a cross-cultural and anthropological perspective.

ECON

- 103 INDIVIDUAL AND SOCIAL CHOICE MC-IS 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Economic impacts of individual and social choices and their influence on social issues. Includes perspectives from other social sciences.

GEO

- 140 HUMAN GEOGRAPHY** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Introduction to human geography emphasizing global problems, patterns, and distributions.

IT

- 175 LIVING IN A TECHNOLOGICAL WORLD** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. Also offered as SOC 175. May not be taken under the CT/NC option.

Interdisciplinary course that analyzes social change through the lens of technology.

PSY

- 110 EXPLAINING HUMAN BEHAVIOR** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101 req. Not for cr if had PSY 111. May not be taken under the CT/NC option.

A review and critical analysis of psychology's most influential explanations of human behavior (e.g. intrapsychic, interpersonal, socio-cultural, and biological).

PSY

- 131 SOCIAL PSYCHOLOGY** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as SOC 131.

Scientific study of way individuals think, feel, and behave in a group setting; research methods, attitudes, social cognition, and interpersonal relations.

SOC

- 108 CONTEMPORARY SOCIAL PROBLEMS IN GLOBAL PERSPECTIVE** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Not for cr if had SOC 107.

Examination of social problems dealing with gender, ethnicity, stratification, and global competition utilizing interdisciplinary, sociological, and global perspectives.

SOC

- 131 SOCIAL PSYCHOLOGY** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as PSY 131.

Scientific study of way individuals think, feel, and behave in a group setting; research methods, attitudes, social cognition, and interpersonal relations.

SOC

- 175 LIVING IN A TECHNOLOGICAL WORLD** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. Also offered as IT 175. May not be taken under the CT/NC option.

Interdisciplinary course that analyzes social change through the lens of technology.

WS

- 120 WOMEN, GENDER AND SOCIETY** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Formerly IDS/WS 120, INTRODUCTION TO WOMEN'S STUDIES.

How systems of gender shape societies around the world; how individual and collective actions transform the gender system of a society.

OUTER CORE COURSES**Outer Core - Knowing in the Disciplines/ Science, Mathematics, and Technology****BSC**

- 160 MICROBIOLOGY AND SOCIETY** OC-KD/SMT 4 F,S
Inner Core req. Not for cr maj. Not for cr if had BSC 260. Lecture and lab. Materials charge optional. Formerly INTRODUCTORY MICROBIOLOGY.

Introduction to microorganisms, their diversity, and their impact on society as agents of disease, in the environment, and in useful applications.

BSC

- 202 HUMANS AND THE BIOSPHERE** OC-KD/SMT 4 S
Inner Core req. MC-QR category req. Lecture and discussion. Formerly HUMAN ECOLOGY. Not for cr maj.

Ecological principles underlying biosphere functions, human influence on the biosphere, application of ecological principles to solving and avoiding environmental problems.

CHE

- 104 CHEMISTRY OF LIFE** OC-KD/SMT 3 F,S
Inner Core req. CHE 102 or 1 yr high school Chemistry rec. Lectures, demonstrations, and lab. Materials charge optional.

Application of chemical principles to the understanding of life processes, designed for non-science majors. Lectures, demonstrations, and laboratory.

GEO

- 202 EVOLUTION OF THE EARTH** OC-KD/SMT 3 F,S
Inner Core req. MC-QR category req. Field trip req. Not for cr if had GEO 107.

Physical, chemical, and biologic evolution of the earth system as interpreted from rock sequences, fossils, and maps. Emphasis on geologic methodology.

GEO

- 207 NATURAL DISASTERS** OC-KD/SMT 3 F,S
Inner Core req. MC-QR category req. Not for cr Geology maj. Two 1-hour lectures; One 2-hour discussion/laboratory per week.

Science of earth-related natural disasters: occurrences, causes, effects, prediction, prevention, mitigation, related human activity and classic examples.

GEO**211 EARTH'S DYNAMIC**

WEATHER OC-KD/SMT 3 F,S
Inner core req. MC-QR category req. Formerly GEO 110.

Dynamic aspects of weather and climate from global to local scales with emphasis on how we gather, analyze, and understand weather information.

HSC**156 ENVIRONMENTAL HEALTH**

IN THE 21ST CENTURY:

MEETING THE GLOBAL

CHALLENGE OC-KD/SMT 3 F,S

Inner Core req. Not for cr if had HSC 155.

Application of scientific methods of inquiry to understand environmental problems as they affect public health and personal well-being.

PHY**205 ORIGIN OF THE**

UNIVERSE OC-KD/SMT 3 F,S

Inner Core req. MC-QR category req.

Big Bang Theory; observational and theoretical basis for its development; the early universe; and connection between the universe and subatomic particles.

PHY**207 ENERGY AND SOCIETY** OC-KD/SMT 3 F,S

Inner Core req. MC-QR category req.

Scientific, technological, environmental, economic, health, ethical, and political aspects of energy production and use, from fossil and nuclear fuels to renewable energy sources.

Outer Core - Disciplinary Knowledge in Cultural Contexts/Science, Mathematics, and Technology

ACS**214 SOCIAL, LEGAL, AND ETHICAL**

ISSUES IN INFORMATION

TECHNOLOGY OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req.

Study of personal, societal, legal, and ethical issues raised by the effects of information technology.

AGR**203 AGRICULTURE AND**

THE ENVIRONMENT OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req.

Examination of contemporary environmental issues that are strongly linked to current and past agricultural practices.

BSC**145 HUMAN BIOLOGY** OC-DKCC/SMT 3 F,S

Inner Core req. Not for cr maj.

Study of human biology in context of science, technology, and culture, emphasizing technological advances in medicine, disease prevention, and public health.

BSC**170 GENETICS AND SOCIETY**

OC-DKCC/SMT 3 F,S

Inner Core req. Not for cr maj.

Overview of human heredity in context of biology, society, and culture; impact on treatment of diseases, reproductive technology, agriculture, aging/longevity, and forensics.

FCS**208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH**

ISSUES OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req. Also offered as HSC/HPR 208.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

HPR**208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH**

ISSUES OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req. Also offered as FCS/HSC 208.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

HSC**208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH**

ISSUES OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req. Also offered as FCS/HPR 208.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

IT**275 TECHNOLOGY AND**

QUALITY OF LIFE OC-DKCC/SMT 3 F,S

Inner Core req. MC-QR or MC-IS category req.

Future-oriented course that analyzes the interface of technology with social forces that cause social change and affect quality of life; includes technological assessment.

PHY**206 CHAOS AND**

COMPLEXITY OC-DKCC/SMT 3 F,S

Inner Core req. MC-QR category req.

Chaos and complexity science in historical/social context, strange attractors, fractals, and self-organization; diverse applications from weather forecasting to artificial life.

Outer Core - Knowing in the Disciplines/ Social Sciences

ANT**101 HUMAN ORIGINS**

OC-KD/SS 3 F,S

Inner Core req.

Overview of the origin and evolution of the human species from the natural scientific, social scientific, and selected religious perspectives.

ANT

- 143 UNITY AND DIVERSITY
IN LANGUAGE** OC-KD/SS 3 F,S
Inner Core req. Also offered as ENG/FOR 143.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

ENG

- 143 UNITY AND DIVERSITY
IN LANGUAGE** OC-KD/SS 3 F,S
Inner Core req. Also offered as ANT/FOR 143.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

FOR

- 143 UNITY AND DIVERSITY
IN LANGUAGE** OC-KD/SS 3 F,S
Inner Core req. Also offered as ANT/ENG 143.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

GEO

- 135 WORLD GEOGRAPHY** OC-KD/SS 3 F,S
Inner Core req.

Regional studies of the peoples, languages, religions, economic activities, and settlement patterns of the world.

HIS

- 264 HISTORY OF WOMEN IN
NORTH AMERICA** OC-KD/SS 3 F
Inner Core req. MC-UST or MC-IS category req.

Introduction to theoretical approaches to women's history and a study of selected aspects of the history of women in Canada, Mexico, the United States, and the Caribbean.

POS

- 140 POLITICS OF AFRICA, ASIA, AND
LATIN AMERICA** OC-KD/SS 3 F,S
Inner Core req. MC-ICL or MC-IS category req. Not for credit if had POS 145.

Overview of the politics and cultures of the peoples and countries of Africa, Asia, and Latin America.

PSY

- 113 DEVELOPMENT THROUGH THE
LIFE SPAN** OC-KD/SS 3 F,S
Inner Core req. Not for cr if had PSY 112.

An examination of human psychological constancy and change throughout the life span, with special emphasis on biological, social, and cultural influences.

SOC

- 240 PEOPLE IN PLACES: UNDERSTANDING
AND DEVELOPING
COMMUNITY** OC-KD/SS 3 F,S
Inner Core req. MC-IS category req.

Analysis of how external forces affect communities and their residents; understanding how people create community; rural-urban differences.

SWK

- 125 BUILDING HEALTHIER COMMUNITIES
THROUGH COMMUNITY
INVOLVEMENT** OC-KD/SS 3 F,S
Inner Core req.

Study of social issues with emphasis on rebuilding healthier communities, including an experiential service learning component.

Outer Core - Disciplinary Knowledge in Cultural Contexts/Social Sciences

ANT

- 185 CULTURES OF THE
WORLD** OC-DKCC/SS 3 F,S
Inner Core req. Not for cr ANT maj. Formerly ANT 184.

A surveys of many of the world's societies and traditions, examined from an anthropological perspective.

FCS

- 222 CULTURAL DIVERSITY
IN DRESS** OC-DKCC/SS 3 F,S
Inner Core req. MC-IS category req.

Interdisciplinary, comparative exploration of diverse cultures through dress and adornment.

FCS

- 224 ENDURING ISSUES FOR COUPLES AND
FAMILIES** OC-DKCC/SS 3 F,S
Inner Core req. MC-UST category req.

Analysis of persistent and newly emerging issues for couples and families living in the 21st Century.

GEO

- 235 GEOGRAPHY OF EMERGING
AREAS** OC-DKCC/SS 3 F,S
Inner Core req. MC-IS category req.

Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Regions vary in different sections.

HIS

- 103 HISTORY OF ASIA, MIDDLE EAST, AFRICA,
LATIN AMERICA, OR INDIGENOUS
PEOPLES** OC-DKCC/SS 3 F,S
Inner Core req.

Interdisciplinary, thematic, and chronological examination of the histories of Africa, Asia, Latin America, and indigenous peoples. Topics vary from one section to another.

HSC

- 170 SAFETY AND
SOCIETY** OC-DKCC/SS 3 F,S
Inner Core req.

Examines the impact of the social sciences upon safety and accident prevention. Focuses on cultural influences from a global perspective.

IDS

- 206 GEOGRAPHY AND POLITICS
OF INTERNATIONAL
CONFLICTS** OC-DKCC/SS 3 F,S
Inner Core req. MC-IS or MC-ICL category req.

Application of geographic and political science perspectives to a selection of international conflicts with an emphasis on active student involvement.

Outer Core - Knowing in the Disciplines/ Fine Arts

MUS

152 EXPERIENCING

MUSIC OC-KD/FA 3 F,S
IDS 100; ENG 101; COM 110 req.

Examination of the structures of various musical forms through listening, discussion, and attendance at performances. Content may vary.

THE

152 EXPERIENCING

THEATRE OC-KD/FA 3 F,S
IDS 100; ENG 101; COM 110 req. Theatre attendance req.

Exposure to and application of the various artistic perspectives that share the collaborative process of theatrical production.

Outer Core - Disciplinary Knowledge in Cultural Contexts/Fine Arts

ART

176 ARTS AND SOCIETY:

VISUAL ARTS OC-DKCC/FA 3 F,S
IDS 100; ENG 101; COM 110 req.

Examination of the relationship between the visual arts and their political/social culture.

ART

275 WORLD ARTS: VISUAL

ARTS OC-DKCC/FA 3 F,S
IDS 100; ENG 101; COM 110 req; MC-LH category req. Not for cr if had ART 140.

Introduction to the arts of the Americas, Africa, and the South Pacific.

MUS

176 ARTS AND SOCIETY:

MUSIC OC-DKCC/FA 3 F,S
IDS 100; ENG 101; COM 110 req; MC-LH category req.

Examination of the relationship between music and politics/culture.

MUS

275 WORLD ARTS:

MUSIC OC-DKCC/FA 3 F,S
IDS 100; ENG 101; COM 110 req.

Introduction to selected musics of Asia, the Middle East, Africa and Latin America.

THE

176.01 ARTS AND SOCIETY:

THEATRE OC-DKCC/FA 3 F,S
IDS 100; ENG 101; COM 110 req.

Examination of the relationship between theatre and politics/culture.

THE

176.02 ARTS AND SOCIETY:

FILM OC-DKCC/FA 3 F,S
IDS 100; ENG 101; COM 110 req. Film screening req.

Examination of film's influence on society, and society's influence on film.

THE

275.01 WORLD ARTS:

THEATRE OC-DKCC/FA 3 F,S

IDS 100; ENG 101; COM 110 req. MC-LH category req.

Introduction to the theatre of Asia, the Middle East, Africa, and Latin America.

THE

275.02 WORLD ARTS:

FILM OC-DKCC/FA 3 F,S

IDS 100; ENG 101; COM 110 req. MC-LH category req. Film screening req.

Introduction to film from Asia, the Middle East, Africa, and Latin America.

Outer Core - Knowing in the Disciplines/ Humanities

ENG

229 INTRODUCTION TO

LITERARY GENRES OC-KD/H 3 F,S

IDS 100; ENG 101; COM 110 req.; MC-LH category req.

Formal and historical study of literary genres-poetry, drama, prose narrative-as structures of knowledge.

IDS

207 REPRESENTATION

OC-KD/H 3 F,S

IDS 100; ENG 101; COM 110 req.; MC-LH category req.

Theories of representation in the humanities and their relation to "Western" and some "non-Western" literary, artistic, and mass media practices of representation.

PHI

251 VISIONS OF THE SELF:

A STUDY OF MINDS AND

PERSONS

OC-KD/H 3 F,S

IDS 100; ENG 101; COM 110 req.; MC-IS category req.

Study of mind and self, drawing on insights from literature, philosophy, psychology, ethics, medicine, and artificial intelligence.

Outer Core - Disciplinary Knowledge in Cultural Contexts/Humanities

ENG

206 CULTURAL EXPRESSIONS IN

SOCIAL CONTEXTS: WOMEN

OF ASIA, LATIN AMERICA AND

AFRICA

OC-DKCC/H 3 F,S

IDS 100; ENG 101; COM 110 req.; MC-IS category req. WS 120 rec. Also offered as FOR 206.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern.

ENG

261 WOMEN'S LITERATURE IN A

GLOBAL CONTEXT OC-DKCC/H 3 F,S

IDS 100; ENG 101; COM 110 req.; MC-LH category req.

Literature by women of diverse ethnicities to examine varieties of texts and their cultural construction.

FOR

- 106 MYTH AND MEANING** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. MC-LH category rec.

Major myths of the world; their nature, origins, cultural significance, interpretation, and relevance today.

FOR

- 119 CONTINUITY AND CHANGE: INTRODUCTION TO WESTERN CULTURE** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. Also offered as HIS 119.

Study of three key epochs in Western cultural history with emphasis on the dynamics of change and the forces of tradition.

FOR

- 206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-IS category req. WS 120 rec. Also offered as ENG 206.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern.

HIS

- 119 CONTINUITY AND CHANGE: INTRODUCTION TO WESTERN CULTURE** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. Also offered as FOR 119.

Study of three key epochs in Western cultural history with emphasis on the dynamics of change and the forces of tradition.

IDS

- 203 NATIONS AND NARRATIONS** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH or MC-UST category req.

Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens. Topics vary from one section to another.

PHI

- 150 SCIENCE AND HUMAN CULTURE** OC-DKCC/H 3 F
IDS 100; ENG 101; COM 110 req.

Examination of the dynamic interrelationship between human culture and the scientific methodologies used to study it; how culture both shapes and is shaped by science.

PHI

- 202 SEX, VALUES, AND HUMAN NATURE** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-IS category req.

Investigation of competing views about the nature of human sexuality, and their moral and social consequences.

PHI

- 224 MEANING AND RELIGIOUS BELIEF** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH category req.

Interdisciplinary examination of religion, emphasizing the character and evaluation of religious world views and their connections to mythologies, ethics, and ethos.

PHI

- 238 RIGHTS AND WRONGS** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-IS category req.

Interdisciplinary approach to the analysis of moral and social issues in relation to the cultural contexts in which they arise.

General Education Program— Illinois Articulation Initiative

The Illinois Articulation Initiative is a statewide agreement among the more than 100 public and some selected private four-year and two-year higher education institutions. The agreement is designed to facilitate students transferring between colleges and universities. The Illinois Transferable General Education Core curriculum consists of 12 to 13 courses, or 37 to 41 hours of credit, within a five-category designation. The general requirements are as follows:

Communication:	3 courses (9 credits)
Humanities and Fine Arts:	3 courses (9 credits)
Mathematics:	1 to 2 courses (3 to 6 credits)
Physical and Life Sciences:	2 courses (7 to 8 credits)
Social and Behavioral Sciences:	3 courses (9 credits)

IAI policy is presented on the web site, www.iTransfer.org, and Illinois State University's implementation requirements are published below. Students who transfer out of Illinois State will be held to the requirements of their transfer institution.

Determination of General Education Option

New transfer students have the option of completing either Illinois State's General Education program or the Illinois Transferable General Education Core Program (IAI). NOTE: To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement.

ILLINOIS STATE IMPLEMENTATION OF IAI CORE

Transfer students who have satisfactorily completed some courses within the Illinois Transferable General Education Core are allowed to complete this program by enrolling in approved IAI courses at Illinois State.

Illinois State policies on CLEP credit will be used to meet Illinois Transferable General Education Core requirements.

If a student satisfactorily completes the objectives of a General Education Core area but earns fewer hours than required, the remaining hours for that area can be waived. However, students must complete the minimum of 37 hours and the number of courses required in each area of the Core. Fractional hours can also be waived, but the minimum 37 hour total is still enforced.

For those students eligible to complete the Core, a transfer course articulated as an Illinois State University course approved for the Illinois Transferable General Education Core Curriculum, will be utilized toward the Core. Any course from participating school approved by an IAI curriculum panel may be used even if not articulated to an Illinois State course. Acceptance and placement of transfer credit from a non-participating IAI institution, as an elective is only applicable to meet Illinois Transferable General Education Core (IAI) requirements at Illinois State University.

Effective May, 1999, a student transferring to another institution, who has completed at least 37 semester hours, may request an audit, via a transcript request, of his or her records for completion of the Illinois Transferable General Education Core Curriculum. If complete, the University will certify completion of the Illinois Transferable General Education Core requirements on the Illinois State transcript.

Students transferring to Illinois State are required to fulfill all University graduation requirements.

Illinois Articulation Initiative Course Requirements:

Regardless of category placement, a student may count no more than two courses from a single discipline to fulfill the General Education Core Curriculum requirements. Only one course assigned to an IAI course number may be used to fulfill a requirement.

Illinois State University courses approved for the IAI General Education Core are listed officially on the IAI web site, www.iTransfer.org. The following list of courses is provided for convenience only. Some courses may have been added or deleted since the publication of this catalog.

IAI Course Number and IAI Title

Illinois State Course and Semester Hours

Communication

(3 courses, 9 semester hours)

A grade of C or better required in C1 900, ENG 101 and C1 901 ENG 145.

For students with appropriate preparation, Illinois State will waive a communication course. A minimum of 12 courses and 37 semester hours is still required.

C1 900 Writing Course Sequence	ENG 101 (3)
C1 901 Writing Course Sequence	ENG 145 (3)
C2 900 Oral Communication	COM 110 (3)

Mathematics

(1 course, 3 semester hours)

M1 900 College Level Calculus	MAT 121 (4)
	MAT 145 (4)
	MAT 146 (4)
	MAT 147 (4)
M1 902 General Education Statistics	ECO 138 (4)
M1 903 Mathematics for Elementary Teaching I and II	MAT 152 (3)
M1 904 General Education Mathematics	MAT 105 (3)
M1 906 Finite Mathematics	MAT 120 (3)

IAI Course Number and IAI Title

Illinois State Course and Semester Hours

Physical Science and Life Sciences (2 courses, 7 semester hours)

Students with appropriate preparation may substitute an initial course designed for science majors.

One Life Science and one Physical Science course required, of which one must be a lab.

P1 900L General Education Physics	PHY 105 (4)
	PHY 108 (5)
P1 901L Physics and Society	PHY 102 (3)
P1 902 General Education Chemistry	CHE 110 (4)
P1 902L General Education Chemistry	CHE 104 (3)
	CHE 140 (4)
P1 903L Chemistry and Society	CHE 102 (3)
P1 906 Introduction to Astronomy	PHY 101 (3)
P1 907 Introduction to Geology	GEO 105 (3)
P1 907L Introduction to Geology	GEO 102 (3)
P1 909 Physical Geography	GEO 100 (3)
P2 900L Calculus-based Physics I	PHY 110 (4)
L1 900L General Education Biology	BSC 196 (4)
L1 906 Heredity and Society	BSC 170 (3)

Humanities and Fine Arts

(3 courses, 9 semester hours)

One Humanities and one Fine Arts course required.

H1 900 Foreign Language IV	FOR 116 (4)
H2 900 Foundations of Civilization	HIS 100 (3)
H2 901 Western Civilization I	HIS 101 (3)+++
H2 902 Western Civilization II	HIS 102 (3)+++
	FOR 119 (3)
	HIS 119 (3)
H2 904 American History	HIS 135 (3)+++
	HIS 136 (3)
H3 900 Introduction to Literature	ENG 104 (3)
H3 901 Introduction to Fiction	ENG 105 (3)
H3 905 Introduction to Shakespeare	ENG 122 (3)
H3 910D American Ethnic Literature	ENG 165 (3)
H3 911D Literature and Gender	ENG 160 (3)
	COM 128 (3)
	ENG 128 (3)
	FOR 128 (3)
H3 912 Survey of British Literature I	ENG 110 (3)
H3 914 Survey of American Literature I	ENG 130 (3)
H4 900 Introduction to Philosophy	PHI 101 (3)
H4 905 Philosophy of Religion	PHI 120 (3)
H9 901 Mythology	FOR 106 (3)
H9 903D American Culture/Civilization	ENG 131 (3)
	HIS 131 (3)
F1 903N Non-Western Music	MUS 156 (3)++
F1 905D Ethnic Traditions in American Music	MUS 153 (3)
	MUS 154 (3)
	THE 151 (3)
F1 908 History of Theatre	
F1 909D Ethnic Traditions in American Theatre	THE 154 (3)
F2 901 History of Western Art I	ART 155 (3)
F2 902 History of Western Art II	ART 156 (3)
F2 903N Non-Western Art	ART 140 (3)++
F2 905 Film History and Appreciation	THE 170 (3)

++ Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective.

+++ Western Civilization (H2 901 or S2 902 and H2 902 or S2 903) and American/U.S. History (H2 904 or S2 900 or S2 901) can be used either as how it was approved for the school offering the course, or how the equivalent course at the receiving school was approved.

Social and Behavioral Science

(3 courses, 9 semester hours)

Two disciplines must be represented from the following list: Anthropology (S1), History (S2), Economics (S3), Geography (S4), Political Science (S5), Psychology (S6), Sociology (S7), Social Psychology (S8).

S1 901N Introduction to Cultural Anthropology	ANT 180 (3)++
S2 906N History of Africa	HIS 103.01 (3)++
	HIS 128 (3)++
S2 908N History of Asia and the Pacific	HIS 103.02 (3)++
	HIS 125 (3)++
S2 910N History of Latin American I	HIS 103.03 (3)++
	HIS 127 (3)++
S2 918N History of Middle East	HIS 103.04 (3)++
S3 900 Principles of Economics	ECO 105 (4)
S3 901 Principles of Macroeconomics	ECO 102 (3)
S3 902 Principles of Microeconomics	ECO 101 (3)
S4 900N Introduction to Human Geography	GEO 135 (3)++
	GEO 140 (3)
S4 903N Introduction to Economic Geography	GEO 150 (3)++
S5 900 American/U.S. National Government I	POS 105 (3)
	POS 106 (3)
S5 904N International Relations	POS 151 (3)++
S5 905 Comparative Government	POS 141 (3)
S5 906N Non-Western Comparative Government	POS 140 (3)
	POS 145 (3)++
S6 900 General Psychology I	PSY 110 (3)
	PSY 111 (3)
S6 902 Life-Span Developmental Psychology	PSY 112 (3)
	PSY 113 (3)
S7 900 Introduction to Sociology	SOC 106 (3)
S8 900 Social Psychology	PSY 131 (3)
	SOC 131 (3)

++ Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective.

DEGREE REQUIREMENTS

Baccalaureate Degree Programs

Undergraduate degrees available at Illinois State University include the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Science in Nursing, Bachelor of Fine Arts, Bachelor of Music, and Bachelor of Music Education degrees. When applying for graduation, the student indicates the specific degree which he or she is qualified to receive. Other requirements are specified for each degree below.

Statement of Purpose for the Bachelor of Arts (B.A.) Degree: The Bachelor of Arts degree provides for the acquisition of written and oral communication skills, creative thinking, abilities in the critical analysis of texts, the understanding of cultures, and a working knowledge of social, political, and historical contexts. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed toward the humanities, arts, and selected areas of the social sciences disciplines.

Statement of Requirements for the Bachelor of Arts (B.A.) Degree: Students pursuing the Bachelor of Arts degree will acquire knowledge of a foreign language as demonstrated by successful completion of FOR 115 (or the equivalent) in addition to General Education Program requirements, general requirements for graduation; and major field of study requirements.

Statement of Purpose for the Bachelor of Science (B.S.) Degree: The Bachelor of Science degree provides for the acquisition of oral and written communication skills and the acquisition of analytical skills for examining and solving problems. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed towards the natural sciences, mathematics, statistics or a technological field.

Statement of Requirements for the Bachelor of Science (B.S.) Degree: Students pursuing the Bachelor of Science degree will acquire increased knowledge of the natural sciences, mathematics, statistics, and/or technology as demonstrated by the successful completion of an additional three-hour course, beyond those required for General Education; other General Education Program requirements; general requirements for graduation;

and major field of study requirements. The course is to be selected from an approved list of courses from natural sciences, mathematics, statistics, and technology.

Statement of Purpose for the Bachelor of Science in Education (B.S. in Ed.) Degree: The Bachelor of Science in Education degree encourages acquisition of communication skills, development of analytical skills for examining and solving problems, and the understanding of cultures with special emphasis on application to the art and science of teaching. The degree is typically pursued by those students interested in the teaching profession.

Statement of Requirements for the Bachelor of Science in Education (B.S. in Ed.) Degree: Students pursuing a Bachelor of Science in Education degree will acquire increased knowledge and develop skills related to professional standards established by NCATE through the successful completion of General Education requirements; professional education requirements; approved teacher education major requirements; and general requirements for graduation.

Statement of Purpose for the Bachelor of Science in Nursing (B.S.N.) Degree: The Bachelor of Science in Nursing degree provides graduates with knowledge and skills in communication, critical thinking for analyzing and solving problems, and an understanding of the societal changes that impact on health care. Courses from the humanities, psychology, physical and social sciences, as well as the use of technology, provide a foundation for scientific inquiry and application of nursing knowledge and theories to diverse populations and settings.

Statement of Requirements for the Bachelor of Science in Nursing (B.S.N.) Degree: General Education requirements; general requirements for graduation; and nursing field of study requirements.

Statement of Purpose for the Bachelor of Fine Arts (B.F.A.) Degree: The Bachelor of Fine Arts degree encourages the acquisition and display of talent in the theatre and art arenas, with special emphasis on aesthetic performance and understanding. The degree is typically pursued by individuals interested in the creative and fine arts.

Statement of Requirements for the Bachelor of Fine Arts (B.F.A.) Degree: General Education Program requirements; general requirements for graduation; and art or theatre field of study requirements for B.F.A. degree.

Statement of Purpose for the Bachelor of Music (B.M.) Degree: The Bachelor of Music degree encourages the acquisition and display of talent in music, with special emphasis on aesthetic performance and understanding. This degree is typically pursued by individuals interested in music performance.

Statement of Requirements for the Bachelor of Music (B.M.) Degree: General Education requirements; general requirements for graduation; and music field of study requirements for B.M. degree.

Statement of Purpose for the Bachelor of Music Education (B.M.E.) Degree: The Bachelor of Music Education degree encourages the acquisition and display of talent in music, with the special emphasis on teaching music. This degree is typically pursued by individuals interested in teaching music.

Statement of Requirements for the Bachelor of Music Education (B.M.E.) Degree: General Education requirements; general requirements for graduation; music field of study requirements for B.M.E. degree; and professional education requirements.

GENERAL REQUIREMENTS FOR GRADUATION

The following graduation requirements apply to all students. Meeting graduation requirements is the individual responsibility of each student. The student and advisor should check the student's program of courses frequently to ensure that the student is fulfilling the following graduation requirements (all references to hours are to semester credit hours.)

A. Total Hours: The actual hour requirement for an undergraduate degree varies by the program or combination of programs that a student elects. A student must have a minimum of 120 hours of credit acceptable toward graduation. Some courses may not count toward graduation. These restrictions are noted in the course descriptions. Some curricula or combinations of fields require additional hours. If all specified requirements are completed with fewer than 120 hours, a student must elect sufficient course work to total at least 120.

B. Specific B.A./B.S. Requirements: There are a variety of baccalaureate degrees. Students graduating from B.A. or B.S. degree programs must meet specific requirements beyond major and other graduation requirements. Students pursuing the B.A. degree will acquire knowledge of a foreign language as demonstrated by successful completion of FOR 115 (or equivalent). Students pursuing the B.S. degree will complete one additional three-hour natural science, mathematics, statistics, or technology course beyond the General Education Program requirements. Course listing follows in the next section.

C. General Education: There are three ways to complete General Education requirements at Illinois State University. The first way is to complete Illinois State's General Education Program. The General Education Program requires 15 courses and 45 semester hours within a structured, three-tiered system. The Inner Core requires completion of 6 courses; the Middle Core requires completion of 5 courses; and the Outer Core, 4 courses.

The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program, designed for transfer students, is a statewide agreement between participating colleges and universities and some private schools that is designed to facilitate timely degree completion. The Illinois Transferable General Education Core Curriculum structure consists of 12 to 13 courses (37 to 41 semester credits) distributed among five subject areas. Completion of these requirements satisfies General Education requirements irrespective of participating institutions at which courses are taken.

The third way is to complete a baccalaureate-oriented Associates Degree (A.A. or A.S.) from a regionally accredited institution. These students will be admitted to Illinois State with junior standing and all General Education requirements completed.

D. Major-Minor Options: All students who are candidates for B.S. or B.A. degrees must complete a major field of study. Completion of a second major, a minor, or a second minor is optional unless specified by the student's major. Teacher education students who are candidates for a B.S., B.A., B.S. in Ed. or B.M.E. degree must complete professional education requirements and a major approved for teacher education. Some teacher education programs require the completion of requirements for a second teaching field. A student may count no more than nine hours from a major program or a second major of study toward a minor or a second minor within the same department.

- E. **Senior College Hours:** The senior college hours (courses numbered 200 or above) must total at least 42 hours. Coursework transferred from other colleges and universities is not counted as senior college credit if freshmen and sophomores are regularly permitted to enroll in such work. No credit from two-year colleges may be counted as senior level.
- F. **Grade Point Average:** Unless otherwise specified in a specific program, the grade point average for all courses taken at Illinois State University must be 2.0 (C) or higher. In addition, the student must have a grade point average of 2.0 (C) or higher in the courses required in the major and the minor if the student has a minor.
- G. **Removal of Incompletes:** Students may not graduate with an incomplete grade on their record. Each Incomplete grade (I) must be removed at least six weeks before December or May commencement or two weeks before August graduation if the course is to be used in meeting graduation requirements.
- H. **Residence Requirements:** Unless otherwise specified in a specific program, at least 30 of the last 60 hours completed toward the baccalaureate degree must be earned at Illinois State.
- I. **Constitution Examination:** Each student must pass an examination on the Constitution of the United States, the Constitution of the State of Illinois, and the proper use of the American flag. The examination is given on different dates throughout the year. A student may meet this requirement by successful completion of Political Science 105 at Illinois State University. Students who transfer in a course equivalent to POS 105 from an accredited college or university in Illinois will be considered to have met both the constitution of the United States and the State of Illinois test requirements. Students who transfer in a course equivalent to POS 105 from a United States institution outside of Illinois will be considered as having met only the examination on the Constitution of the United States. That student may meet the requirement of the Illinois Constitution by passing the examination or completing POS 221 at Illinois State, by transferring the equivalent of POS 221 from another accredited Illinois college or university, or by presenting certification of having passed an appropriate examination on the Constitution of the State of Illinois at another accredited Illinois college or university.
- J. **University Writing Examination:** The examination should be taken after the completion of 45 semester hours and before the completion of 75 semester hours. At least 15

semester hours must have been completed since the satisfaction of the freshman English requirement. Transfer students with more than 75 semester hours must take the examination before the end of their first term at Illinois State University. A fee will be charged to cover the cost of the examination. In order to take the examination, students must register for English 189.99. Students will be enrolled for the limited number of examination seats available each semester on a first-come, first-served basis. In order to avoid delaying their graduation, students are strongly advised to register for the examination as soon as they become eligible.

- K. **Global Studies Requirement:** All students graduating from Illinois State University must have successfully completed a course designated as a course in the cultures and traditions of societies or peoples from Asia, the Middle East, Africa, Latin America, or Indigenous Peoples of the World. For students under the Illinois State University General Education Program, this course should be selected from the Outer Core courses designated to meet Global Studies requirement.
- L. **Professional Practice and Independent Study:** A student may count no more than 16 hours of professional practice courses (98's) toward graduation. A student may count no more than 6 hours of independent study (287) credit toward graduation.

Bachelor of Science Graduation Requirement in Science, Mathematics and Technology:

Students with a B.S. must have one additional science, mathematics, statistics, and/or technology course (beyond the General Education requirements) which must meet three criteria: (a) courses must be three semester hours or greater; (b) courses must list specific prerequisites from inner core courses in mathematics and/or science, approved natural science alternative courses, or middle core courses in the quantitative reasoning category; and (c) course content must be mathematical, scientific, and/or technological, and must constitute a significant extension of the inner or middle core courses that count as prerequisites.

The following list of courses meet the graduation requirement for Science, Mathematics and Technology.

ACS 115 Reasoning about Complex Systems
 ACS 165 Computer Programming for Scientists
 AGR 157 Soil Science
 AGR 203 Agriculture and the Environment

AGR 282 Livestock Health and Diseases
 AGR 315 Financial Management and Analysis
 AGR 363 Agricultural Experimentation
 BSC 160 Microbiology and Society
 BSC 145 Human Biology
 BSC 170 Genetics and Society
 BSC 201 Evolutionary Ecology
 BSC 202 Humans and the Biosphere
 BSC 211 Economic Botany
 BSC 219 Genetics
 BSC 221 Plant Structure
 BSC 222 Plant Diversity
 BSC 223 Ecology and Identification of Plants
 BSC 292 Invertebrate Zoology
 BSC 295 Comparative Vertebrate Anatomy
 CHE 104 Chemistry of Life
 CHE 141 General Chemistry II
 CHE 220 Elementary Organic Chemistry
 CHE 230/231 Organic Chemistry
 CHE 280 Environmental Chemistry
 ECO/GEO/POS/PSY 138 Social Science
 Reasoning Using Statistics
 ECO 238 Confronting Economic Theory with
 Data
 FIL 240 Business Finance
 GEO/ECO/POS/PSY 138 Social Science
 Reasoning Using Statistics
 GEO 202 Evolution of the Earth
 GEO 209 Essentials of Ocean Science
 GEO 280 Mineralogy
 IT 111 Foundations of Industrial Technology
 IT 143 Introduction to Electronic Data
 Communications
 IT 313 Statistical Quality Control
 MAT 121 Applied Calculus
 MAT 146 Calculus II
 MAT 147 Calculus III
 MAT 160 Elementary Discrete Mathematics
 MAT/POS 162 Conflict, Cooperation, and
 Strategic Decision-Making
 MAT 175 Elementary Linear Algebra
 MQM 100 Statistical Reasoning
 MQM 227 Production Management
 PHI 112 Language, Logic, and Mathematics
 PHY 109 College Physics II
 PHY 111 Physics for Scientists and Engineers II
 PHY 117 Numerical Reasoning in Nature and
 Technology
 PHY 205 Origin of the Universe
 PHY 206 Chaos and Complexity
 PHY 207 Energy and Society
 POS/ECO/GEO/PSY 138 Social Science
 Reasoning Using Statistics
 POS/MAT 162 Conflict, Cooperation, and
 Strategic Decision-Making
 PSY/ECO/GEO/POS 138 Social Science
 Reasoning Using Statistics
 PSY 240 Statistics I
 PSY 345 Computer Applications in Psychology

Global Studies Graduation Requirement:

Students must have completed at least one course in Global Studies (that is, cultures and traditions of Asia, the Middle East, Africa, Latin American or Indigenous Peoples of the World), which must meet the following criteria: (a) the course focuses primarily upon facets of specific cultures from these regions or these cultures in general (a minimum of 75% of the course content must deal directly with the culture(s) from these regions; (b) exploration of the culture(s) is developed in a comparative perspective which helps the student understand and appreciate differences between culture(s) under consideration and American culture; and (c) the course includes exposure to primary writings and artifacts from the culture(s).

The following list of courses meet the graduation requirement for Global Studies.

ANT 185 Cultures of the World*
 ANT 270 Cross Cultural Perspective of Women,
 Sex Roles, and Gender
 ANT 279 Magic, Witchcraft, and Religion
 ANT 283 North American Archaeology
 ART 275 World Arts: Visual Arts*
 CJS 369 World Criminal Justice Systems
 ENG/FOR 206 Cultural Expressions in Social
 Contexts: Women of Asia Latin America and
 Africa*
 FOR/ENG 206 Cultural Expressions in Social
 Contexts: Women of Asia Latin America and
 Africa*
 FOR 244 Civilizacion Hispanoamericana
 GEO 235 Geography of Emerging Areas*
 HIS 103 History of Asia, Middle East, Africa
 Latin America, or Indigenous Peoples*
 HIS 125 East Asian Civilization
 HIS 127 History of Latin America
 HIS 128 An Introduction to African History and
 Civilization
 HIS 263 Modern Mexico
 HIS 265 African Civilization
 HIS 266 Modern Africa
 HIS 275 History of Japanese Civilization
 IDS 203 Nations and Narrations*
 MUS 275 World Arts: Music*
 PHI 207 Indian Philosophy
 PHI 208 Buddhist Philosophy
 POS 140 Politics of Africa, Asia, and Latin
 America*
 POS 240 Latin American Politics
 POS 245 Asian Politics
 POS 246 African Politics
 POS 247 Middle Eastern Politics
 POS 345 Topics in Asian Politics
 POS 349 Topics in Middle East Politics
 THE 275.01 World Arts: Theatre*
 THE 275.02 World Arts: Film*

*Global Studies courses approved for Outer Core

GRADUATION PROCEDURES

Application for Graduation: During the early part of his or her senior year, the student must submit an Application for Bachelor's Degree to the Office of Undergraduate Evaluations. Each student should apply for graduation on or before the date specified in the *Class Registration Directory* and in the University Calendar. The student pays a \$20 graduation fee when applying for graduation, unless the fee is covered by a state scholarship.

Academic Progress Summary: The Academic Progress Summary (APS) is an assessment of the student's academic progress toward completion of requirements for the bachelor's degree. This summary may be requested by the student at Academic Records and Course Registration Services, 209 Julian Hall, Campus Box 2204.

For those programs requiring special audit considerations, a senior evaluation will be prepared after the student has submitted the Application for Bachelor's Degree.

To determine specific program requirements (in addition to the general requirements for graduation stated above), students should consult the following sections of the *Undergraduate Catalog*: 1) the General Education requirements; 2) the specific requirements for the major and minor fields of study; and, if the student seeks teacher certification, 3) the University-wide Teacher Education program requirements in the *Undergraduate Catalog*.

Commencement: Degrees are conferred and diplomas awarded after the close of each semester and the summer session. Commencement exercises are held in December and May at the end of the semester. Undergraduate students completing degree requirements during the fall semester participate in Commencement exercises in December; students completing degree requirements during the spring semester or at the close of the summer session following May Commencement may participate in Commencement exercises in May.

Degrees with Distinction: A student must have completed at least 50 semester hours at Illinois State University to be eligible for a degree with distinction. Students who have an accumulated GPA of 3.90 through 4.00 are graduated summa cum laude; those with a GPA of 3.80 through 3.89 are graduated magna cum laude; and those with a GPA of 3.65 through 3.79 are graduated cum laude.

Students' ability to be recognized at graduate ceremonies is based on the cumulative GPA calculated during the semester prior to graduation. Transcript notations of graduating cum laude, magna cum laude, and summa cum laude are based on the total GPA, including the final semester prior to graduation.

Students who qualify for degrees with distinction wear a neck cord as part of their academic gown at Commencement, their names appear in the Commencement program as being awarded degrees with distinction, and they are acknowledged at graduation.

DEGREES WITH HONORS

Honors Designations with Undergraduate Degrees: Undergraduate degrees are awarded with various honors designations, available to students with differing commitments to academic work beyond the basic catalog requirements. The designations below are recorded permanently on students' transcripts, and are often instrumental in enhancing their career plans.

Freshman Honors Scholar: Requirements: (1) 3.3 cumulative GPA at the end of the second semester of full time study; (2) two semesters of participation in the Honors Program; (3) a minimum of 9 hours of Honors coursework with grades of 'A' or 'B', from the following: IDS 100 - Foundations of Inquiry; ENG 101 - Language and Composition, COM 110 - Language and Communication. Students who have credit for ENG 101 or COM 110 before they enter Illinois State must take alternative Honors coursework.

Certificate in University Honors Requirements: (1) Overall GPA of 3.5 at graduation; (2) 12 hours of honors coursework, earning grades of 'A' or 'B', including at least one Honors Colloquium and 3 hours of Undergraduate Research Participation project; and (3) 4 semesters participation in the Honors Program.

University Honors Scholar: Requirements: (1) Overall GPA of 3.65 at graduation; (2) 4 semesters participation in the Honors Program; (3) at least 24 hours of Honors coursework with grades of 'A' or 'B', including two different Honors experiences from the following: (a) Honors Colloquium, (b) 3 hours of Honors Undergraduate Research Participation, (c) Departmental Honors, or (d) Honors Mentorship.

Departmental Honors: Departmental Honors work is available in all departments in the University. Requirements for Departmental Honors differ from one department to another, and are available in the various departments and in the Honors Program office. Requirements range from a specific sequence of courses to writing and defending special theses or completing special research projects.

ACADEMIC PROGRAM INFORMATION

Illinois State University offers a wide variety of academic majors and minors. From Agribusiness to Writing, students are able to select from a diverse high-quality curricula that provide state of the art information and prepare students for living and working in the 21st century.

This section focuses on the academic side of university life. First, the academic degrees, listed by College, are outlined. Second, course explanations, are given to clarify the different formats possible for instruction. Next, a listing of courses and programs offered on a university-wide basis for students in any major is provided. Lastly, a comprehensive listing of the requirements for specific majors is listed by colleges and departments.

UNIVERSITY-WIDE PROGRAMS

Cognitive Science: (undergraduate minor)
 Environmental Studies (undergraduate minor)
 Ethnic and Cultural Studies: (undergraduate minor)
 General Studies: B.A., B.S.
 Honors
 International Studies: (undergraduate minor)
 Latin American Studies: (undergraduate minor)
 Peace and Conflict Resolution Studies: (undergraduate minor)
 Teacher Education
 Tourism Studies (undergraduate minor)
 Women's Studies: (undergraduate minor)

EXCHANGE PROGRAMS

International
 National

DEPARTMENTAL PROGRAMS LISTED BY COLLEGE

College of Applied Science and Technology

Agribusiness: B.S., M.S.
 Agriculture: B.S.
 Applied Computer Science: B.S., M.S.
 Clinical Laboratory Science: B.S.
 Community Health: (undergraduate minor)
 Criminal Justice Sciences: B.A., B.S., M.A., M.S.
 Environmental Health: B.S.
 Family and Consumer Sciences: B.A., B.S., M.A., M.S.
 Health, Physical Education, and Recreation: M.S.
 Health Education: B.A., B.S., B.S. in Ed.
 Health Information Management: B.S.
 Industrial Technology: B.S., M.S.
 Military Science: (undergraduate minor)

Physical Education: B.A., B.S., B.S. in Ed.
 Recreation and Park Administration: B.S.
 Safety: B.S.
 Telecommunications Management: B.S.
 Tourism Studies (undergraduate minor)

College of Arts and Sciences

Anthropology: B.A., B.S.
 Applied Economics: M.A., M.S.
 Biological Sciences: B.S., M.S., Ph.D.
 Chemistry: B.S., M.S.
 Cognitive Science: (undergraduate minor)
 Communication: M.A., M.S.
 Economics: B.A., B.S.
 English: B.A., B.S., M.A., M.S.
 English Studies: Ph.D.
 Environmental Studies (undergraduate minor)
 French: B.A.
 Foreign Languages: M.A. and undergraduate major in French, German, and Spanish.
 Geography: B.A., B.S.
 Geohydrology: M.S.
 Geology: B.S.
 German: B.A.
 Gerontology: (undergraduate minor)
 History: B.A., B.S., M.A., M.S.
 Instructional Media: (undergraduate minor)
 Japanese Studies: (undergraduate minor)
 Journalism Teacher Education (undergraduate minor)
 Latin: (undergraduate minor)
 Latin American Studies: (undergraduate minor)
 Legal Studies: (undergraduate minor)
 Mass Communication: B.A., B.S.
 Mathematics: B.A., B.S., M.A., M.S.
 Mathematics Education: Ph.D.
 Peace and Conflict Resolution Studies: (undergraduate minor)
 Philosophy: B.A., B.S.
 Physics: B.S.
 Political Sciences: B.A., B.S., M.A., M.S.
 Psychology: B.A., B.S., M.A., M.S.
 Public Relations: B.A., B.S.
 Religious Studies: (undergraduate minor)
 School Psychology: S.S.P., Ph.D.
 Social Sciences: B.A., B.S.
 Social Work: B.A., B.S., M.S.W.
 Sociology: B.A., B.S., M.A., M.S.
 Spanish: B.A.
 Speech Communication: B.A., B.S.
 Speech Pathology and Audiology: B.S., M.A., M.S.
 Teaching English to Speakers of Other Language: (undergraduate minor)
 Tourism Studies (undergraduate minor)
 Women's Studies: (undergraduate minor)
 Writing: M.A., M.S., and (undergraduate minor)

College of Business

Accounting: B.S., M.S., Integrated B.S./M.P.A.
 Business Administration: B.S., M.B.A.
 Business Teacher Education: B.A., B.S., B.S. in Ed.
 Consumer Education: (undergraduate minor)
 Finance: B.S.
 Insurance: B.S.
 International Business: B.A., B.S.
 Management: B.S.
 Marketing: B.S.

College of Education

Curriculum and Instruction: M.S., M.S.Ed., Ed.D.
 Early Childhood Education: B.S., B.S. in Ed.
 Educational Administration: M.S., M.S. Ed., Ed.D., Ph.D.
 Elementary Education: B.S., B.S. in Ed.
 Middle Level Teacher Education: B.S., B.S. in Ed.
 Reading: M.S.Ed. and undergraduate minor
 Special Education: B.S., B.S.Ed., M.S., M.S.Ed., Ed.D.

College of Fine Arts

Art: B.A., B.S., B.F.A., M.A., M.S., M.F.A.
 Cinema Studies (undergraduate minor)
 Dance (undergraduate minor)
 Music: B.A., B.S., M.M., M.M.Ed.
 Music Education: B.M.E.
 Music Performance: B.M.
 Theatre: B.A., B.S., M.A., M.S., M.F.A.

Mennonite College of Nursing

Nursing: B.S.N., M.S.N.

Program and Course Explanations

UNITS OF INSTRUCTION

Major: A cohesive combination of courses, including introductory, intermediate, and advanced course work that designates a student's primary area of specialization. Majors are designated on University transcripts.

Minor: A combination of courses designed to provide a cohesive introduction to an area of study beyond the major. Minors are designated on University transcripts.

Sequence: A subdivision of a major in which there are specific requirements. Sequences of the same major generally share a common core within a major. Sequences are designated on University transcripts.

Concentration: A subdivision of a major without specific requirements that is provided for advisement only. Concentrations are not designated on University transcripts. All informal curricular recommendations made by departments (such as emphases, tracks, areas of study, specializations, etc.) should be considered concentrations. Concentrations are advisory only; no approval process is required.

COURSE OFFERINGS

Extension courses: Typically taught in traditional formats by Illinois State faculty members at approved off-campus sites throughout the state.

Internet courses: Makes use of Illinois State's connection to the World Wide Web and other electronic resources. These courses may utilize online materials, courseware, and discussion groups, and may be delivered in any asynchronous mode.

Interactive Television (ITV): These courses originate on site at Illinois State and are broadcast to one or more distant sites in real time with interactive audio/video.

Contract: Contract educational services, programs and courses are delivered through mutual contract to a business site for a specific cohort or business entity.

Independent Study: Intensive study in a special area of the student's interest under the direction of a qualified member of the faculty. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of 6 semester hours may be applied toward graduation.

Seminar: A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Topics Course: An organization of subject matter and related learning experiences composed of identifiable subdivisions of topics. Each topic is of sufficient significance to be treated separately as a unit of instruction for an entire semester or term. The content of the course varies by semester.

Temporary Course: Temporary courses are approved by the curricular committees for a time period not to exceed three years. Temporary courses often are used to experiment with a new

curricular design, to take advantage of the skills of a faculty member who will be at the University for a limited period, or to respond to particular interests of students. Temporary courses are designated by the numbers 189, 289, 389, 489, and 589.

Workshop: Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses. Workshops are designated by the numbers 193, 293, 393, 429, and 493.

Institute: Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Institutes are designated by the number 397.

Professional Practice: Professional Practice consists of one or more credit-generating, academic/career related, salaried or non-salaried work experiences. Professional Practice work sites are located on the Illinois State University campus and with business, industry, government, and other agencies and organizations outside the University. Professional Practice courses are designated by the numbers 198, 298, 398, 498, and 598.

COURSE INFORMATION

The University operates on the semester plan. The credit value of all courses is stated in terms of semester hours. Ordinarily, a semester hour is assigned for a 50-minute class meeting per week for the semester; therefore, a course valued at three semester hours generally meets three periods weekly. In laboratory courses, at least two 50-minute periods per week are ordinarily required for each semester hour of credit.

Course Availability: Some courses listed in the *Undergraduate Catalog* may not be available each year. Students should consult the *Class Registration Directory* for class availability. Questions concerning scheduling of courses should be referred to the department chairperson.

COURSE NUMBERING

Each course bears a distinguishing number for identification and indication of its academic level. The numbering system is as follows:

100-199 Lower-division undergraduate courses, primarily for freshmen and sophomores.

200-299 Upper-division undergraduate courses, primarily for juniors and seniors. A student normally should have completed at least 45 semester hours before enrolling in a course at this level.

300-399 Advanced undergraduate courses. Open to juniors, seniors, and sometimes graduate students. A student normally should have completed at least 75 semester hours before enrolling in a course at this level.

400-499 Graduate courses. See the *Graduate Catalog*. Courses at this level are for graduate students. In exceptional instances, a senior may receive permission to enroll for undergraduate credit in a course at this level. Seniors may be permitted to begin graduate work if they meet the conditions of the Senior in Good Standing Policy as described in the *Graduate Catalog*.

500-599 Courses limited to advanced graduate or doctoral students.

COURSE DESCRIPTIONS

The following information is given for each course: course number (three or five digits preceding the title); course title; credit value in semester hours; and F for fall and S for spring to indicate the semester for which a course is planned as an offering during the current academic year. The University, however, may cancel or add scheduled course offerings after publication of this *Undergraduate Catalog* depending upon the adequacy of enrollment and availability of faculty. Following the above information, any prerequisites, restrictions on enrollment, and any special considerations are noted in italics. A course prerequisite is knowledge or experience a student is required (req) or recommended (rec) to have prior to enrolling in a course.

Sample Course Listing:

102 MUSIC THEORY 2 S

MUS 101 or cons Theory Coord req.

Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms.

The course number, "102," indicates that the course is primarily for freshmen and sophomores. The digit "2," following the title, indicates the credit value in semester hours. "S" indicates that the course is to be offered during the spring semester. The italicized lines under the course title indicate the required background for enrolling in the course. In the example given,

a student must have passed Music 101 or have consent of the Coordinator of Music Theory prior to enrollment in 102. Course title revisions are indicated by a "formerly" statement. A brief description of the course is provided in the paragraph following the prerequisites. Additional information about the course is available in the particular departmental office.

DEPARTMENTAL ABBREVIATIONS

The following abbreviations for departmental offerings are used both in the program requirement descriptions and in the course descriptions throughout the *Undergraduate Catalog*. They are also identical with those used in the *Class Registration Directory*.

ACC	Accounting
AGR	Agriculture
ACS	Applied Computer Science
ANT	Anthropology
ART	Art
BMB	Biochemistry/Molecular Biology
BSC	Biological Sciences
BTE	Business Education
BUS	Business Core
CHE	Chemistry
COM	Communication
CJS	Criminal Justice Sciences
C&I	Curriculum and Instruction
ECO	Economics
EAF	Educational Administration and Foundations
ENG	English
FCS	Family and Consumer Sciences
FIL	Finance, Insurance, and Law
FOR	Foreign Languages
GEO	Geography-Geology
HIS	History
HPR	Health, Physical Education, and Recreation
HSC	Health Sciences
IDS	Interdisciplinary Studies
INB	International Business
IS	International Studies
IT	Industrial Technology
MAT	Mathematics
MKT	Marketing
MQM	Management and Quantitative Methods
MSC	Military Science
MUS	Music
NUR	Nursing
PAS	Speech Pathology and Audiology
PHI	Philosophy
PHY	Physics
POS	Political Science
PSY	Psychology

SED	Special Education
SOC	Sociology
SWK	Social Work
THE	Theatre
WS	Women's Studies

COURSE INFORMATION AND ABBREVIATIONS

May be repeated indicates that a course may be taken for credit more than once if different content is planned; however, there may be a maximum amount of credit specified for the course.

Variable credit courses are those courses leading to differing number of hours. A student should plan with the advisor the number of hours to be sought.

Conc reg req (or rec) means that concurrent registration in two courses is required (or recommended).

Incl Clin Exp indicates that certain Clinical Experiences in the student's field are required in the course.

Cons inst means consent of the instructor.

Cons dept chair means consent of the chairperson of the department offering the course.

Not for cr maj/min means that the credit from this course may not be applied to the major or minor program requirements.

Not for cr if had (course) means that content overlap exists between the specified courses that students should not be able to count both toward graduation. Such courses are not, however, considered interchangeable in meeting all requirements.

Also offered as (cross-listed course) means that the specified courses are identical and are thus considered interchangeable in meeting all requirements.

Materials charge optional indicates an optional fee charge for course materials.

UNIVERSITY-WIDE PROGRAMS

The following minors, programs, and requirements may apply and be available to students from a wide variety of majors and disciplines. These include:

- Cognitive Science: (undergraduate minor)
- Environmental Studies (undergraduate minor)
- Ethnic and Cultural Studies: (undergraduate minor)
- General Studies: B.A., B.S.
- Honors Program
- International Studies: (undergraduate minor)
- Latin American Studies: (undergraduate minor)
- Peace and Conflict Resolution Studies: (undergraduate minor)
- Teacher Education
- Tourism Studies: (undergraduate minor)
- Urban Studies: (undergraduate minor)
- Women's Studies: (undergraduate minor)

University-Wide Courses

These courses may be offered by any department of the University. Specific departmental offerings will be listed by topic or area in the *Class Registration Directory* available each semester. Student Teaching (399) for all available areas is listed separately in the *Class Registration Directory*; Professional Practice (198, 298, 398) for all available areas is listed by department in the *Class Registration Directory*.

189, 289, 389 SELECTED STUDIES 1-6
Experimental and interdepartmental courses providing content not offered within the framework of courses approved for inclusion in the *Undergraduate Catalog*. Descriptions of the courses offered each semester are provided in the back pages of the *Class Registration Directory*.

193, 293, 393 WORKSHOP 1-6
Max of 6 hrs may be applied toward graduation.
Workshop opportunities are provided for the purpose of permitting students to work on special problems not covered in any one course offered by the University. Topics for investigation by workshop participants are limited to areas in which the University is able to provide adequate workshop staff. Description of the courses offered each semester are provided in the back pages of the *Class Registration Directory*.

198, 298, 398 PROFESSIONAL PRACTICE 1-16
Cons dept chair req. Max of 16 hrs may be applied toward graduation.

Supervised work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised at the

departmental level. University-wide coordination is provided through Professional Practice in Student and Alumni Placement Services or through the Office of Clinical Experiences if the experience is in an educational agency or institution.

287 INDEPENDENT STUDY 1-6
Max of 6 hrs may be applied toward graduation. Cons dept chair and supervisor req.

Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students who are not on academic probation and who have demonstrated an ability to profit from independent study.

291 SEMINAR: UNDERGRADUATE TEACHING ASSISTANTS 1-3
Official designation as an Undergraduate Teaching Assistant (UTA). Max of 3 hrs may be applied toward graduation. Cons dept chair req.

Supervised examination of issues related to the Undergraduate Teaching Experience. Seminar requires time beyond the UTA work experience.

299 INDEPENDENT HONOR STUDY 1-6
Open only to students who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair, and Dir of Honors req.

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination.

397 INSTITUTE 1-9
Federal- and state-sponsored institutes or similar short-term programs requiring treatment of subject matter of a special nature or for special groups.

399 STUDENT TEACHING 1-16
2.5 cum GPA req
High school teaching (6-12): PSY 215 or C&I 210 and C&I 214 or 215 or 216 (6 hrs), and a min of 100 clock hours of approved pre-student teaching Clin Exp.

Special Areas (K-12): PSY 215 or C&I 210 and C&I 214 or 215 or 216 (6 hrs), and a min of 100 clock hours of approved pre-student teaching Clin Exp in K-12 sites.

Middle Level Teacher Education (K-9): C&I 390, min of 100 hours of approved pre-student teaching Clin Exp, completion of Field of Study req prerequisite for student teaching in areas of concentration.

Early Childhood Education (Age 0-Grade 3): C&I 283, min of 100 clock hours of approved pre-student teaching Clin Exp.

El Ed (K-9): C&I 211, 257, 258; min of 100 clock hours of approved pre-student teaching Clin Exp.

Special Education (K-12): Specific courses are req in each seq. See listing of req in individual Special Ed seq. All seq

req the completion of a min of 100 clock hours of approved pre-student teaching Clin Exp.

Approval of dept chair and the Director of CECF.

15 hours of course work or equiv at Illinois State.

Other req as listed in the University-wide Teacher Education Program Requirements section of the *Undergraduate Catalog*.

Directing the learning of pupils; participating in school and community activities; assuming full responsibility for a group of learners under the supervision of an expert teacher. Assignments are made on the basis of the student's area of specialization. The student's transcript indicates the area in which student teaching was completed.

COGNITIVE SCIENCE

Minor in Cognitive Science

Director: Gordon Redding, Department of Psychology
429 DeGarmo Hall, Campus Box 4620
(309) 438-8387

- A minimum of 24 hours required for the minor, depending on the emphasis chosen and the level of preparation of student. Programs must be planned in consultation with an advisor. Students are required to seek an advisor through the Director of Cognitive Science Studies.
- Required courses: a planned course of study approved by a Cognitive Science Studies advisor to be coordinated around an emphasis that is outside the student's major using the following guidelines:

Computer Science: ACS 168, 169; 2 courses (6 hrs) from Groups A and/or B; 2 courses (6 hrs) from Group B; and 2 elective courses (6 hrs) from Groups B,C,D,E, or F.

Linguistics: PHI 210; ENG 341; 2 courses (6 hrs) from Groups A and/or B; 2 courses (6 hrs) from Group C; and 2 elective courses (6 hrs) from Groups B,C,D,E, or F.

Philosophy: PHI 210, 305; 2 courses (6 hrs) from Groups A and/or B; 2 courses (6 hrs) from Group D; and 2 elective courses (6 hrs) from Groups B,C,D,E, or F.

Psychology: PSY 240, 366; 2 courses (6 hrs) from Groups A and/or B; 2 courses (6 hrs) from Group E; 2 elective courses (6 hrs) from Groups B,C,D,E, or F.

Group A (Quantitative Skills): MAT 145, 146, 175, 260; PHI 210 (MAT 210); PHI 212 (MAT 212); PSY 240.

Group B (Computer Science): ACS 168, 169, 261, 279, 340, 367.

Group C (Linguistics): ANT 277; COM 324, 370; ENG 241, 243, 245, 310, 341, 344; FOR 309, 309.15, 310, 290.16; PAS 211, 301, 310, 320.

Group D (Philosophy): PHI 250, 253, 255, 305, 361.

Group E (Psychology): PSY 231, 331.04, 331.07, 360, 361, 363, 366.

Group F (Other Related Courses): ANT 286, 288, 290; BSC 390.

NOTE: Please refer to specific departments for further course information.

ENVIRONMENTAL STUDIES

Minor in Environmental Studies

Advisor: Lon Carlson, Department of Economics
422G Stevenson Hall, Campus Box 4200
(309) 438-8625

A minimum of 22 hours is required, distributed as shown below. Students must take at least one course per core discipline area in Group One. To meet the remainder of the required hours, the student must choose at least one option under Group Two. For further information contact the Department of Geography-Geology.

Group One: Required Courses

Discipline Area	Core Course(s)
Biology	BSC 202
Health Sciences	HSC 155 or HSC 156
Philosophy/History	PHI 236 or HIS 100
Geography-Geology/	GEO 205 or 276 or
Agriculture	AGR 157 or 203
Economics	ECO 255 or 355
Political Science	POS 236 or 232

Group Two: Elective Courses

1. Students may choose any course listed under Group One in Geography-Geology/Agriculture, Economics, Philosophy/History or Political Science excluding any course(s) taken to fulfill the Group One requirement; or
2. AGR 234 or CHE 280; or
3. Students may choose to pursue an environmentally-based internship to partially or fully fulfill the elective requirement. Arrangement for and supervision of internship experience must be handled through the student's major department. To receive credit for this experience toward fulfilling the requirements of the

Minor in Environmental Studies requires prior approval of the Coordinator of the Minor in Environmental Studies. A form requesting this credit is available from the Coordinator.

ETHNIC AND CULTURAL STUDIES

Minor in Ethnic and Cultural Studies

Advisor: Janet Claus, Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604

No major is offered. The study of ethnic groups may be arranged through the General Studies; Individualized Minor program. Students interested in pursuing work in this area should contact the Associate Vice President for Undergraduate Studies or the General Studies advisor.

- A minimum of 22 hours representing 8 courses as indicated from Groups I, II, and III; at least 4 courses must be above the 100-level; no more than 3 courses may be from 1 department.
- A Professional Practice experience approved by the student's minor advisor and the appropriate department may be used as 1 course in Group I and/or Group II.
- An independent study course approved by the student's minor advisor and processed through the regular procedure may be used as 1 course in Group I and/or Group II.

Group I - Ethnic Origins

Students must complete 3 courses from Group I, representing at least 2 departments. Group I represents the origins of minority populations in the United States. The emphasis is on the culture, history, and the experience of the area from which present-day United States' minorities come and on the Native American population before the arrival of the immigrants.

- **Asian Americans:** GEO 255; HIS 125, 373, 375; PHI 207; POS 345.
- **African Americans:** ART 277; GEO 250; POS 246.
- **Hispanic Americans:** FOR 217.15, 218.15, 221.15, 242.15, 335.15; GEO 230; HIS 127, 263; IDS 110; POS 347.
- **Native Americans:** ANT 283, 284.

Group II - The Experience of Minority Populations in the United States.

Students must complete 3 courses from Group II, representing at least 2 departments. Group II represents the experience of minority populations after arriving in the United States and of the Native American population after the arrival of the whites. The focus is on the historical, cultural, political, and social experience of the group as a minority population in a largely white European-dominated society.

- **African Americans:** ENG 165; HIS 257, 258; IDS 105; MUS 153, 154; THE 154.
- **Hispanic Americans:** FOR 218.15.
- **Native Americans:** ANT 272.
- **General Courses:** C&I 232, 312; CJS 303.

Group III - Ethnicity

Students must complete 2 courses from Group III, representing at least 2 departments. Group III focuses on the concept of ethnicity in a more theoretical way. It attempts to generalize from minority experiences.

- **General Courses:** C&I 110; HIS 273; ANT 264, 281, 366.

Ethnic Studies Courses

IDS

**105 CULTURAL AWARENESS AND
INTERRACIAL UNDERSTANDING** 3 F,S
Cons inst req.

Racially balanced experiential and theoretical course for students wishing to increase awareness and understanding and to improve black/white communication.

IDS

301 JUDAISM: HISTORY AND CULTURE 3 S
Jr standing.

Rigorous survey of Jewish history; attention to Torah, Talmud, Septuaginta, Kabbala; emphasis on Diaspora, reform movements, basic practices, cultural interplay.

GENERAL STUDIES PROGRAMS

Major in General Studies

Program Coordinator: Robin Carr, Academic Advisement Center
340 Fell Hall, Campus Box 4060
(309) 438-7604

Degrees Offered: B.A., B.S.

General Information

Illinois State University offers students the opportunity, under the Major in General Studies, to construct three types of individualized programs of study that differ from the University's regular major and minor programs. These options use existing University courses and lead to the Bachelor of Arts or Bachelor of Science degree in General Studies. Each sequence addresses a different set of educational objectives.

- I. The Individualized Sequence of the Major in General Studies allows a student to design, with the help of a faculty sponsor, a specialized program of study that is not offered by the University. This program is intended for the student whose specific interests cannot be accommodated within existing programs. Some topics recently chosen by students include Classical Civilization, Agricultural Communication, Three-Dimensional Design, Human Services and Needs, International Public Administration, and Theatre Management. The Individualized Sequence is often a second or auxiliary major but may be proposed as a primary major.
- II. The Multidisciplinary Studies Sequence of the Major in General Studies, in contrast, is a broader program built around the offerings of two or more departments that may be from more than one college. It is intended for the student who is seeking a baccalaureate degree without the specialization of a traditional major. The student chooses the focus of the program, with the help of a faculty advisor, by determining the departments in which he or she wishes to pursue advanced work.
- III. The Arts and Sciences Sequence of the Major in General Studies is also a broad program emphasizing the offerings of two or more departments, chosen with the help of a faculty advisor. However, unlike the Multidisciplinary Studies Sequence, the course work is primarily oriented to liberal arts and must be completed from departments in the College of Arts and Sciences.

NOTES:

1. The Multidisciplinary Studies Sequence and Arts and Sciences Sequence of the Major in General Studies do not prepare a student for a specific professional career or graduate field. Because of their general nature, these programs will probably require graduates to con-

vince prospective employers or graduate schools that the students' degree preparation will enable them to succeed in a particular job or educational endeavor.

2. The Major in General Studies does not satisfy the requirements for Teacher Certification.

Procedure:

1. Admission to the Major (or Minor) in General Studies may be requested after the completion of 15 semester hours of course work and before the completion of 90 semester hours. Applications must be submitted during the first half of the fall or spring semesters.
2. Applications are available in the Academic Advisement Center, 340 Fell Hall. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the General Studies Major Committee, and the Associate Vice President for Undergraduate Studies.
3. At least one-half of the course work in the sequence must be taken after the proposal has been approved. No more than one-sixth of the course work in the sequence may be transferred from another institution of higher education.
4. Changes in an approved plan of study must be authorized in advance. A letter outlining the proposed change, and countersigned by the faculty advisor, should be submitted to the Advisement Center. Requests for changes in more than one-sixth of the approved program constitute a new proposal and must be resubmitted subject to all the conditions of an initial application.
5. If the Individualized Sequence is a student's primary major, courses included in the approved program may not be used to meet General Education requirements. Courses from the departments specified in the Multidisciplinary and Arts and Sciences sequences may not be used to meet the General Education requirements.

MAJOR OR MINOR IN GENERAL STUDIES

General Requirements:

1. 120 semester hours.
2. Completion of General Education requirements.

3. 42 senior-college (200- to 300-level) hours.
4. An approved plan of study from at least two departments.
5. A 2.5 cumulative GPA at the time of application.

Major in General Studies; Individualized Sequence and Requirements:

The Individualized Sequence is an interdisciplinary program that may be used to attain specific educational goals that cannot be accommodated by existing majors at Illinois State. The Major in General Studies: Individualized Sequence is usually a second or auxiliary major but may be proposed as a primary major.

Students who complete the Individualized Sequence will earn a Bachelor of Arts or Bachelor of Sciences degree and have their transcripts noted: "Major in General Studies: Individualized Sequence: _____" (the theme that is specified on the plan of study). Students completing minors will have their transcripts noted similarly.

- 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours.
- Approved plan of study from at least 2 academic departments containing 36-55 hours.

Minor in General Studies; Individualized Requirements:

- Approved plan of study from at least 2 academic departments containing 18-24 hours.

Major in General Studies; Multidisciplinary Studies Sequence:

The Multidisciplinary Studies Sequence is designed for the student who wishes to pursue a baccalaureate degree without the specialization required in a traditional program. The student chooses the focus of the major by determining the two or more departments around which to build the program.

The departments chosen may be from more than one college. Students who complete the Multidisciplinary Studies Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Major in General Studies: Multidisciplinary Studies Sequence."

Multidisciplinary Studies Major Requirements:

- 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours.
- An approved plan of study with a minimum of 36 hours from at least 2 departments, including 12 senior-college hours (200- to 300-level) from each of 2 departments and a maximum of 25 hours from any 1 of the departments.

Major in General Studies; Arts and Sciences Sequence and Requirements:

The Arts and Sciences Sequence is designed for students wishing to pursue a baccalaureate degree with broad coverage of the liberal arts and sciences. The student chooses the focus of the major by determining the two or more departments around which to build the program. Students who complete the Arts and Sciences Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Major in General Studies; Arts and Sciences Sequence."

- 120-hour graduation requirement, including General Education requirements, and 42 senior-college (200- to 300-level) hours.
- An approved plan of study with a minimum of 36 hours from 2 specified Arts and Sciences departments, including 12 senior-college hours (200- or 300-level) from each of the 2 departments, a maximum of 25 hours from any 1 of the departments, and a total of 96 hours from Arts and Sciences departments.
- General Education Program course selections may be applied to the Arts and Sciences Sequence requirements (students should consult with the adviser to Arts and Sciences Sequence to see which courses will meet requirements.)

HONORS PROGRAMS

General Information

Director: Stephen Rosenbaum, Honors Program
Corner North and Fell Streets, Campus Box 6100
(309) 438-2559

The University's Honors Programs, described earlier in this catalog, offer academically talented students enriched educational opportunities. Honors students benefit from close personal advisement with skilled Honors advisors, from special, small classes taught by the University's outstanding professors, from opportunities for

cooperative research with advanced research scholars, and from individually designed programs and independent study opportunities. Honors students also have the option of living in an honors residence among other honors students, sharing specially designed social programs.

Admission: Incoming freshmen are invited into the Honors Program based on ACT/SAT scores, high school rank, and high school grades. High school students who demonstrate by their records exceptional academic promise may apply for early admission to the University and to the Honors Program at any time before high school graduation. Students already enrolled in the University and transfer students with overall GPA's of 3.3 or higher may be admitted to the Honors Program only by attending orientation meetings to which they are invited and by applying for admission.

Honors Courses: The Honors Program offers special sections of regular courses both in the General Education Program and in various majors. The program also offers special Honors Colloquia on selected topics, and Independent Study. Classes for these courses are small, thus engendering close interactions between faculty and students, and they are taught by the most distinguished teachers and scholars in the University.

Special Curricular Option: Honors students may with the advice of Honors advisors and select faculty participate in the design of their own curricula, especially where the standard curriculum is not efficiently able to help them achieve their educational goals.

Presidential Scholars Program: The Presidential Scholars Program is an exclusive and unique academic program which offers students special curricula both in General Education and in their majors courses of study, opportunities for study abroad, and select internship and in-service learning experiences. For more information, see the Presidential Scholarships listed with Merit-based Scholarships, earlier in this catalog.

Residential Program: Students accepted into the Honors Program may choose to live in Honors House Residence in Atkin-Colby Hall. In addition to the privilege of moving into the residence hall before other students are allowed to move into their residences, Honors residents participate in special orientation sessions and exclusive academic and social programs.

For more information about Honors Programs, contact the Director of Honors at Campus Box 6100, Honors Program, Illinois State University, Normal, Illinois 61790-6100 (309-438-2559), or see www.ilstu.edu/honors.

Honors Courses

IDS

102 HONORS COLLOQUIUM 1-4 F

May be repeated once for cr if topic is different.

Interdisciplinary, for students in the Honors Program. Weekly sessions, presented by one or more specialists on the topic, explore a semester theme.

IDS

202 ADVANCED HONORS COLLOQUIUM 3 F,S

Jr standing or cons Honors Dir req. May be repeated once if topic is different.

Weekly sessions presented by a specialist dealing with a semester's topic for advanced students in the Honors Program.

IDS

225 NATIONAL COLLEGIATE HONORS EXCHANGE 1-6 F,S

Participation in Illinois State Honors Program.

Honors study for one semester at another university.

IDS

285 HONORS UNDERGRADUATE RESEARCH 1-3 F,S

Cons Honors Dir req. May be repeated.

Honors student assists a faculty member on the faculty member's research project.

IDS

286 HONORS UNDERGRADUATE RESEARCH II 1-3 F,S

IDS 285 req. May be repeated.

Continuation of IDS 285.

299 INDEPENDENT HONOR STUDY 1-6

Open only to students who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair, and Dir of Honors req.

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination.

INTERDISCIPLINARY STUDIES (IDS) 604

Director: W. Eric Thomas, Undergraduate Studies
308 Hovey Hall, Campus Box 4900
(309) 438-2157

Illinois State University offers programs that allow students to synthesize knowledge that spans

two or more academic disciplines. Each interdisciplinary program is directed by a faculty member. Faculty from across the University deliver courses within these programs.

Interdisciplinary Studies Courses

IDS

100 FOUNDATIONS OF INQUIRY IC 3 F,S
Restricted to students with less than 30 cr hrs. May not be taken under the CT/NC option.

Systematic investigation of the nature of knowing in different disciplinary and cultural contexts. Provides a foundation of academic skills, knowledge, and attitudes for later course work.

IDS

106 CAREER CHOICE 1 F,S
CR/NC only. Material charge optional.

Introduction to theory of career decision making. Laboratory in the application of skills and strategies to individual career choices. Appropriate for freshmen and sophomores.

IDS

121 TEXTS AND CONTEXTS MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option.

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts.

IDS

187 IUS INDEPENDENT STUDY 1-3

Only for students pursuing the Independent Studies option who wish to undertake independent study projects on an interdepartmental and off-campus basis.

IDS

203 NATIONS AND NARRATIONS OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH or MC-UST category req.

Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens. Topics vary from one section to another.

IDS

206 GEOGRAPHY AND POLITICS OF INTERNATIONAL CONFLICTS OC-DKCC/SS 3 F,S
Inner Core req. One course from MC-IS or MC-ICL req.

Application of geographic and political science perspectives to a selection of international conflicts with an emphasis on active student involvement.

IDS

207 REPRESENTATION OC-KD/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH category req.

Theories of representation in the humanities and their relation to "Western" and some "non-Western" literary, artistic, and mass media practices of representation.

IDS

254 RELIGIONS AND CULTURES MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option.

A critical examination of diverse religious discourses and literacies and how they construct and reflect identity based on cultural differences.

INTERNATIONAL STUDIES PROGRAMS (IS)

Minor in International Studies

Director: William Semlak, International Studies
 308 Fell Hall, Campus Box 6120
 (309) 438-5365

Advisor: Jonathan Rosenthal, Department of Foreign Languages
 233D Stevenson Hall, Campus Box 4300
 (309) 438-3279

The Minor in International Studies is an interdisciplinary program that is designed to offer students an opportunity to take a global perspective on their education. It could be of special interest to students in the College of Arts and Sciences with majors in Foreign Languages, History, Political Science, and Communication; students in the College of Business majoring in International Business; students in the College of Fine Arts with majors in Music and Art; and students in the College of Education and in the College of Applied Science and Technology.

The program's features include a background in foreign language, a focus on issues related to internationalization or globalization of our society, a focus on a geographic area of the world, and participation in a formal study abroad experience. Academic advisement is essential to this highly individualistic program in order for students to construct programs that will fit their individual needs.

— 24 hours required, including Foreign Language 115 or equivalent; 6-12 hours in Category A; 9-15 hours in Category B; and participation in a study abroad or alternative international experience.

— Participation is required in a 6-credit hour (or greater) study abroad experience sponsored by Illinois State University, or alternative international experience, approved prior to participation by the minor advisor. Courses taken while studying abroad may be counted toward the minor. Contact the International Studies Advisor for information on which courses offered in each program may be counted toward the minor.

- Up to 9 hours (excluding courses in Category A) taken in the minor may also be applied toward the student's major. At least 9 hours of the minor must be at the 200-level or above.
- Additional foreign language study is strongly encouraged. Special emphasis should be placed on developing oral communication skills.

CATEGORY A—International Issues:

- 6-12 hours required. Courses in the student's first major may not count toward category A requirements. A maximum of 2 courses from any 1 department may be taken. Choose from the following: AGR 100, 201; ANT 175, 184; ART 275; CJS 369; COM 355, 369, 372; ECO 205, 210, 228, 245, 345; ENG 206, 255, 261; FOR 119, 206; GEO 135; HIS 103, 119, 230, 252, 270; IDS 203; INB 190; MUS 156; POS 140, 150, 151, 251, 252, 254, 255, 256, 293.01, 344, 351, 358, 363; SOC 108, 366; SWK 160; THE 271, 275.01, 275.02; WS 120, or other courses approved by the International Studies Advisor.

CATEGORY B—Area Studies:

- 9-15 hours required. Only courses taken in 1 area listed below may be counted toward the minor. Many Illinois State University Study Abroad program courses count.
- In addition to the courses listed below, any pertinent course on the history, literature, economic, social, or political structures of a foreign country or culture may be counted toward the minor, provided it receives approval in advance from the International Studies advisor. The International Studies advisor will help students choose courses appropriate to their area studies concentration and career objectives.
- **Latin America:** IDS 110; FOR (SP) 116, 218, 305; GEO 230; HIS 127, 263; POS 140, 145, 240, 340.
- **Europe:** ART 372, 379; FOR: 116 (FR, GER, IT, SP), 217 (FR), 217 (GER), 217 (SPA), 218 (GER), 220 (GER), 305 (FR), 305 (SPA); GEO 240; HIS 102, 229, 234, 237, 366; POS 141, 242, 341.
- **Africa:** FOR 325; GEO 250, HIS 128, 266; POS 140, 145, 246.
- **South and Southwest Asia (Middle East, India, Pakistan, Sri Lanka):** GEO 255; HIS 126, 272, 378; PHI 207, 208; POS 140, 145, 245, 247, 349.
- **East Asia:** FOR 116 (CH, JP), GEO 255; HIS 125, 373, 375; PHI 208; POS 140, 145, 245, 345.
- **NOTE:** Please refer to specific departments for further course information.

Courses

IDS

130 INTRODUCTION TO STUDY ABROAD:

CROSS-CULTURAL TRAINING 1 F,S

Permission of appropriate study abroad program director.

Preparation and development of skills necessary for successful study abroad.

IDS

131 STUDY ABROAD: CROSS-CULTURAL INVESTIGATION 1 F,S,Su

IDS 130 and conc reg in a study abroad program req.

Cultural research and guided journal completed during study abroad program.

IDS

132 STUDY ABROAD: REINTEGRATION AND CULTURAL COMPARISON 1 F,S

IDS 131 req.

Discussion of reintegration following study abroad and presentation of research projects.

Semester Study Abroad Programs

IDS

230 INTERNATIONAL EXCHANGE 12-15 F,S

Study for 1 semester or 1 year in another country.

CURTIN UNIVERSITY OF TECHNOLOGY, PERTH, WESTERN AUSTRALIA 12-15 F,S

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

EDITH COWAN UNIVERSITY, PERTH, WESTERN AUSTRALIA 12-15 F,S

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

UNIVERSITY OF WESTERN SYDNEY, MACARTHUR, NEW SOUTH WALES, AUSTRALIA 12-15 F,S

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

GRIFFITH UNIVERSITY QUEENSLAND, AUSTRALIA 12-15 F,S

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

SALZBURG COLLEGE, SALZBURG, AUSTRIA 15-17 F,S

Semester/year program focusing on social sciences, business, humanities, and fine arts. Elective and major field credit available. Courses taught in English.

BRIGHTON UNIVERSITY, BRIGHTON, ENGLAND 12-15 F,S

Semester program. Elementary and Secondary Education Student Teaching. All programs are taught at Brighton University campuses.

**CHRIST CHURCH COLLEGE, CANTERBURY,
ENGLAND 12-15 F,S**

Semester program. Courses in art, history, literature, culture, and geography.

**LEICESTER UNIVERSITY, LEICESTER,
ENGLAND 15 F**

Year program offering courses in a wide variety of disciplines for major and minor credit.

**UNIVERSITY OF SUNDERLAND,
SUNDERLAND, ENGLAND 15 F,S**

Semester/year program. A wide variety of major/minor credits available.

**UNIVERSITY OF WOLVERHAMPTON,
WOLVERHAMPTON, ENGLAND 12 S**

Semester/year program focusing on the field of studio art.

**L'UNIVERSITE CATHOLIQUE,
DE L'OUEST D'ANGERS,
ANGERS, FRANCE 15 F,S**

Semester/year program focusing on French language, culture and civilization.

**UNIVERSITY OF BONN,
BONN, GERMANY 12 F,S**

Semester/year program. German language program open to juniors only. Maj/min in German language and literature must have completed 211.13 and 213.13 before leaving for the program.

**INSTITUTE OF ITALIAN STUDIES,
FLORENCE, ITALY 12-15 F,S**

Semester/year program. Italian language, business, communication, culture, civilization, art history, studio art. Courses offered in English. Maj/min field credit available in art.

**KANSAI GAIDAI UNIVERSITY,
HIRAKATA, JAPAN 14-17 F,S**

JPN 111 and 112 or equiv req.

Semester/year program. A wide variety of courses are offered in English. Students must take 8 hours of intensive Japanese language.

**NANZAN UNIVERSITY,
NOGOYA, JAPAN 15-17 F,S**

JPN 111 and 112 or equiv req.

Semester/year program beginning fall semester. A wide variety of courses are offered in English. Students must take 10 hours of intensive Japanese language.

**STIRLING UNIVERSITY, STIRLING,
SCOTLAND 15 F,S**

Semester/year program. Courses for maj/min field credit are available in many departments. Students take 3 courses per semester, each worth 5 credit hours.

**UNIVERSITY OF MADRID,
MADRID, SPAIN 12 F,S**

SPA 111, 112, 115, and 116 or equiv req.

Semester/year program focusing on Spanish language, culture and civilization.

**UPPSALA UNIVERSITY,
UPPSALA, SWEDEN 15 F,S**

Semester/year program offering courses in a wide variety of disciplines for maj/min field credit. Courses are taught in English. Special course in Swedish civilization offered during fall semester.

**CARDIFF INSTITUTE OF HIGHER
EDUCATION, CARDIFF, WALES 12 S**

Spring semester program offering courses in Health, Physical Education, and Recreation for HPR majors.

NOTE: Summer programs all over the world give students the opportunity to earn 3-10 hours of credit. Consult with an advisor in International Studies for additional information.

National Student Exchange Programs

**IDS
222 NATIONAL STUDENT
EXCHANGE 12-16 F,S**

Min soph standing, 2.5 GPA req. Participation in National Student Exchange program. Study for 1 semester or 1 year at another university, paying tuition and fees at Illinois State University.

**IDS
223 NATIONAL STUDENT
EXCHANGE 12-16 F,S**

Min soph standing, 2.5 GPA req. Participation in National Student Exchange program. Study for 1 semester or 1 year at another university, paying tuition and fees at that university.

**IDS
225 NATIONAL COLLEGIATE
HONORS EXCHANGE 1-6 F,S**

Participation in Illinois State Honors Program.

Honors study for one semester at another university.

LATIN AMERICAN STUDIES

Minor in Latin American Studies

Advisor: Janet Claus, Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604

This program must be planned in consultation with the Latin American Studies advisor. With the approval of the advisor, courses other than those listed may be counted toward the minor.

— 24 hours required.

— Required courses: 2 semesters of college-level Spanish (Spanish majors must take at least 9 hours of courses taught in Spanish concerning Latin America at the 200-level or above and cannot count 100-level Spanish courses toward the minor); IDS 110 (Introduction to Latin American Studies) and follow a planned course of study approved by the Latin American

Studies advisor in which courses are elected in at least 3 different fields. Course work may be selected from the following: AGR 100; ECO 205, 210; FOR 244.15, 255.15, 305.15, 331.15, 336.15; GEO 230; HIS 127, 263; POS 347.

Latin American Studies Course

IDS

110 INTRODUCTION TO LATIN AMERICAN STUDIES

3

An overview of politics, economics, history, geography, culture, and the arts in Latin America with focus on variable selected topics.

PEACE AND CONFLICT RESOLUTION STUDIES

Minor in Peace and Conflict Resolution Studies

Directors:

Joseph Grabill, Department of History
331 Schroeder Hall, Campus Box 4420
(309) 438-8120

Deborah Gentry, Department of Family and Consumer Sciences
302J Turner Hall, Campus Box 5060
(309) 438-7935

The Minor in Peace and Conflict Resolution Studies is an interdisciplinary program that includes courses from the five Colleges: Applied Science and Technology, Arts and Sciences, Business, Education, and Fine Arts.

The courses offer both Macro and Micro approaches. Macro approaches emphasize world conflict and order; ethnic and socioeconomic justice; multiculturalism; renewable economics; and biodiversity. Micro approaches emphasize non-violent ethics and conflict management; inner, aesthetic, and spiritual peace; interpersonal communication and relations; intergroup relations; and gender issues. Macro and Micro approaches are usually combined in any course; however, courses are categorized by priorities according to their Macro or Micro approaches.

— 24 hours required.

— Required core (6 hrs): IDS 111, 398.01.

— Choose 6 elective hours from inner core (3 hrs each from Macro and Micro): Macro (3 hrs): HIS 100, 268, 270; POS 151, 254, 361; Micro (3 hrs): FCS 101, 224; PHI 244, 248.

— Choose 6 elective hours from Macro outer core: (3 hrs each from (a) College of Arts and Sciences and (b) Courses other than College of

Arts and Sciences). (a) Courses not previously selected under Macro courses above; ANT 180; ECO 355; GEO 205; HIS 229, 230; POS 252, 313; SWK 160. (b) Courses not previously selected under Macro courses above; MQM 349; CJS 369; C&I 110; FIL 312; INB 190; MUS 156.

— Choose 6 elective hours from Micro outer core: (3 hrs each from (a) College of Arts and Sciences and (b) Courses other than College of Arts and Sciences). (a) Courses not previously selected under Micro courses above; COM 123, 223; ECO 327; PSY 131; SWK 170. (b) Courses not previously selected under Micro courses above; ART 140, CJS 101; FCS 231, 309; IDS/WS 120; MQM 221.

NOTE: Students are encouraged to consult with an advisor regarding elective choices and information regarding Professional Practice (IDS 398.01).

Peace and Conflict Resolution Courses

IDS

111 PEACE STUDIES

3 F

Includes arranged service learning hours.

A general, interdisciplinary introduction to Peace Studies. A study of world order, social justice, conflict resolution, ecological balance, and education for an interdependent world.

IDS

398.01 PROFESSIONAL PRACTICE INTERNSHIP/ COOPERATIVE EDUCATION OR CO-OP IN PEACE STUDIES AND CONFLICT RESOLUTION

1-6 F,S

IDS 111 and Minor in Peace and Conflict Resolution Studies req.

Practical experience, preferably in some local organization where conflict resolution skills are required and learned.

UNIVERSITY-WIDE TEACHER EDUCATION

Director: Sally Pancrazio, College of Education
506 DeGarmo Hall, Campus Box 5300
(309) 438-5882

TEACHING—Realizing the democratic ideal: Teacher Education at Illinois State University:

Illinois State University has a historic and enduring commitment to educate teachers who will be responsive to the moral and intellectual demands a democratic society places upon them. To teach in a democracy is self-consciously to take up the burden of improving the moral and epistemological quality of our societal dialogue by including in it as many educated voices as possible.

The democratic ideal unites caring and knowing: the more voices we elicit and the less fettered the mutual exchange among those voices becomes, the truer our convictions and conclusions will be. This is, in a way, a democratic article of faith, and it is why Illinois State's graduates aspire to teach everyone, especially those on the margins, those who have been or are in danger of being excluded.

This democratic conception of education informs all aspects of teacher education at the University. The kind of teacher appropriate to the challenges and rewards of teaching in a democratic society unites the moral and intellectual aspects of teaching by embodying what one might call their virtues.

The moral virtues are:

- sensitivity toward the varieties of individual and cultural diversity;
- disposition and ability to collaborate ethically and effectively with others;
- reverence for learning and a seriousness of personal, professional, and public purpose; and
- respect for learners of all ages including a special regard for children and adolescents.

The intellectual virtues are:

- wide general knowledge and deep knowledge of the content to be taught;
- knowledge and appreciation of the diversity among learners;
- understanding of what affects learning and of appropriate teaching strategies;
- interest in and ability to seek out informational and collegial resources; and
- contagious intellectual enthusiasm and courage enough to be creative.

Of the challenges facing teachers in the next millennium, none is more pressing than for them to develop and maintain a strong sense of their moral and intellectual roots—a professional identity. Toward this end, Illinois State University prepares teachers who have a strong sense of themselves and their mission as teachers; through caring and knowing they realize the democratic ideal. This, along with a high level of competence in their chosen areas, makes them teachers for whom we are thankful and of whom we are proud.

Undergraduate students interested in preparing for teaching careers in the public schools should consult the *Undergraduate Catalog* or contact the Teacher Education Coordinator of the department in which they desire certification. Contact the Office of Clinical Experiences and Certification Processes, 310 DeGarmo Hall, (309) 438-5416, for

information about admission to the Teacher Education programs of the University and certification requirements. Students interested in preparing for teaching careers in colleges and universities should consult academic advisors in the discipline that they plan to teach for information concerning appropriate graduate degree preparation.

PROGRAM REQUIREMENTS

This section of the *Undergraduate Catalog* provides information needed by students in Teacher Education programs. Students seeking further information or clarification of information presented here should contact the Office of Clinical Experiences and Certification Processes (CECP), located in DeGarmo Hall. Information pertaining to requirements for admission and retention in Teacher Education and matters related to certification in Illinois State University graduate programs is provided to all Teacher Education majors by the CECP Office. Matters related to certification at the undergraduate level are provided by the Evaluations Office. For additional information on Teacher Education at Illinois State University see requirements in this catalog.

Each student who completes a bachelor's degree program in an approved Teacher Education program, and who is recommended for certification by the Dean of the College of Education as having completed all requirements (General Education, Professional Education, and field of study or area of specialization) is recommended for a teaching certificate in the State of Illinois. When a student has completed all of the requirements for a degree, including a recommendation from the Dean of the College of Education, the Evaluation Office at Illinois State University will send to the student the documentation necessary to apply for the appropriate Illinois Teaching Certificate. In order to satisfy Illinois certification requirements, all candidates must pass a test of basic skills (reading, writing, grammar, and mathematics) and a subject matter knowledge test administered by the Illinois State Board of Education.

Students who have already completed one or more non-teaching degrees and now seek admission to Teacher Education are advised to seek admission to the University as a candidate for a second bachelor's degree, certification only. Subsequent transcript analysis may determine that a second degree is not required. In this instance, the student who received a degree from a state Teacher Education approved institution will be allowed to complete the requirements for certification without

completing the requirements of the second bachelor's degree. Students are advised that the Teacher Education certification requirements provided here are for Illinois and that they should check certification requirements for other states if they desire to be certified for teaching elsewhere.

Students who complete a bachelor's degree program in Teacher Education at Illinois State University also have their transcripts stamped, *Student has completed a state and NCATE approved program in Teacher Education*. (NCATE is the National Council for Accreditation of Teacher Education). This statement indicates that the program has received state approval and national accreditation. This status usually makes it easier to obtain a teaching certificate in another state.

NOTE: Experienced teachers may be eligible for certificates from the Illinois State Board of Education by transcript evaluation. This certificate is not associated with an NCATE program, does not have the endorsement of the institution granting the course credit, and is not recognized by other states.

Eligibility for certification is open to anyone who is legally present in the United States and is authorized for employment. For specific details, contact the Office of Clinical Experiences and Certification Processes. Students interested in completing a Teacher Education program at Illinois State must (1) be admitted to Teacher Education, (2) complete General Education and Professional Education requirements including a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences, field of study or area of specialization course work appropriate to the Early Childhood Education, Elementary, Middle Level, High School, Special K-12, or Special Education curriculum, (3) successfully complete student teaching, (4) have a 2.50 overall GPA in all work taken at Illinois State, and (5) be recommended for certification by the Dean of the College of Education.

Individuals convicted of a felony or named as a perpetrator in a child abuse or neglect report filed by a state agency responsible for child welfare should contact the Office of Clinical Experiences prior to application for Admission to Teacher Education. *Applicants convicted of certain types of felony crimes may not be approved for certification by the State Certification Board.*

Certification Programs

Students who fail to maintain the specific GPA required by their teaching or other certification pro-

gram may be dismissed from that program. At the option of the Department, students dropped from the program may pursue a degree in their major or be classified as General Students and will receive academic advisement from the Academic Advisement Center. In order to become candidates for a certification program after being dropped, students must be accepted by the department in which they desire to pursue a certification program.

Council for Teacher Education

Five colleges of Illinois State University offer bachelor's degree programs that lead to teacher certification in the State of Illinois. These five colleges include the College of Applied Science and Technology, the College of Arts and Sciences, the College of Business, the College of Education, and the College of Fine Arts. The Council for Teacher Education is responsible for developing requirements for Teacher Education and for providing avenues of communication among all of the areas of the University concerned with Teacher Education. The Dean of the College of Education serves as the University's certification officer and is responsible for maintaining the relationship between campus programs and state certification officials.

Admission-Retention Requirements:

The following requirements concerning admission-retention in Teacher Education apply to all students pursuing Teacher Education programs in any department of any college of the University.

The Office of Clinical Experiences and Certification Processes administers the procedures for admission to Teacher Education based upon eligibility requirements established by the Council for Teacher Education. Additional departmental and academic major requirements for admission to Teacher Education may be established by Departments with approval of the Council for Teacher Education. A student should obtain information about departmental and academic major requirements from the department of the student's major field.

Selective Admission

Eligibility for Admission to Teacher Education:

- a. Students, including those who transfer to Illinois State, must be registered in an Education major or sequence as identified in the *Undergraduate Catalog*.

- b. Application for admission to Teacher Education should be made after the completion of 30 hours.
- c. Students must meet the GPA requirements for admission to Teacher Education described below at the time of admission and must maintain the average for the remainder of the program. A student must have an Illinois State University cumulative GPA of 2.50 or higher for all undergraduate credit. Most programs also require a 2.50 or higher GPA in courses taken at Illinois State University which fulfill the requirements of the major including all Professional Education courses when Professional Education courses are listed separately in the *Undergraduate Catalog*. Students should check with their major departments regarding specific GPA requirements for admission to Teacher Education.
- d. A student must demonstrate written communication skills in one of the following ways:
 - (1) The student must have earned a C or higher in English 101 or 145 at Illinois State University.
 - (2) The student must have earned a C or higher in an equivalent English course taken at another university as approved by Illinois State University.
 - (3) The student passes the English proficiency exam given by the Department of English at Illinois State University.
- e. A student must demonstrate oral communication skills in one of the following ways:
 - (1) The student must have earned a C or higher in COM 110 at Illinois State University.
 - (2) The student must have earned a grade of C or higher in an equivalent Speech course taken at another university as approved by Illinois State University.
- f. A student must satisfactorily pass a speech check conducted by the Department of Speech Pathology and Audiology.
- g. A student must pass each section of the ETS Praxis I basic skills test in reading, writing, and mathematics (A fee is accessed.)
- h. A student must satisfy criteria for departmental approval for admission to Teacher Education.

Admission Procedures:

Students may initiate, monitor, and assess their status regarding admission to Teacher Education through the use of a mainframe computer terminal. For specific directions and accompanying documents, please contact the Office of Clinical Experiences and Certification Processes, 310

DeGarmo Hall. Students should check with the major Department regarding specific departmental procedures and requirements for admission to Teacher Education. Additionally, students may be requested to complete the following:

- a. Interviews: All students should be available for interviews upon request.
- b. Entrance, Psychological, or Aptitude Exams: Students may be requested to take certain examinations for the purpose of assessing potentiality for teacher preparation and educational careers.

Students who are denied admission to Teacher Education or student teaching may file a petition for a hearing. Specific information regarding procedures for a hearing in accordance with the requirements of the Council for Teacher Education may be obtained in the Office of Clinical Experiences and Certification Processes.

Selective Retention

Students are required to maintain the qualification requirements for admission to Teacher Education from the point of admission to the point of certification.

Admission to Teacher Education is a prerequisite for enrollment in certain courses of the program. The prerequisite is listed in this Undergraduate Catalog for each of the specified courses.

A student must be formally admitted to Teacher Education and have satisfied all stipulated prerequisites prior to being assigned to student teaching.

APPROVED TEACHER EDUCATION PROGRAMS

The following list includes all undergraduate Teacher Education programs approved by the State of Illinois and the National Council for Accreditation of Teacher Education (NCATE).

Early Childhood Education (This certificate extends from Birth through Grade 3).

Elementary (K-9): Elementary Education; Middle School/Junior High School; Bilingual Elementary Education -- Spanish.

Secondary (6-12): Agriculture; Biological Sciences; Business Teacher Education; Chemistry; English; Family and Consumer

Sciences; French; Geography; German; Health Education; History Education; Industrial Education; Mathematics; Physical Education; Physics; Social Sciences (including History); Spanish; Speech Communication; Theatre.

Special (K-12): Art; Business Education; Music; Physical Education; Blind and Partially Seeing (Visually Handicapped); Deaf and Hard of Hearing; Educable Mentally Handicapped (Mentally Handicapped-Educable); Learning Disabilities-Social/Emotional Disorders (Learning and Behaviorally Disordered); Physically Handicapped; Speech and Language Impaired (Speech Pathology—Graduate Level)*; Trainable Mentally Handicapped (Mentally Handicapped-Trainable).

***Students in the Speech and Language Impaired Program may take appropriate course work at the undergraduate or graduate level, but State of Illinois certification is only given at the successful completion of the master's degree.**

NOTE: Teaching certificates are available at the graduate level for Reading and all areas of Special Education, as well as the Speech and Language Impaired Program described above. Graduate level certification programs are also available for School Psychology and School Administration.

All students enrolled in the University's approved Teacher Education programs should read carefully the High School, Special K-12, Middle Level, Elementary, Early Childhood Education, or Special Education section following for Professional Education requirements (including a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to student teaching) and *Field of Study or Area of Specialization (Major/Minor) requirements*. Students must also complete the appropriate General Education requirements.

Teacher Education Major and Minor:

To receive a certificate a student must complete a Teacher Education sequence for one of the majors listed previously. A student may also complete requirements for any other major or minor.

Students seeking a high school teaching certificate through one of the following fields must also complete the requirements for a second teaching field: Health, Physics, Speech, and Theatre.

A grade point of 2.5 or higher is required in both the first and second teaching fields. The respective department will provide information on course work needed to complete the second teaching field.

Endorsements: The minimum course requirements for teaching fields for elementary and high school certificates are defined by the State of Illinois and are listed on the certificate as an endorsement. One or more endorsements will be earned by completing requirements for the elementary or high school certification programs at Illinois State University. Additional endorsements may be earned through the completion of the specified course work. Contact your advisor for information on requirements for endorsements.

General Education

To meet requirements of the Illinois State Board of Education, all Teacher Education programs must include a component of General Education. Effective fall 1998, all freshmen students entering Illinois State University will complete the University's new General Education Program. For teacher education students, completion of Illinois State's General Education Program ensures that the general education requirements for teacher certification have been met. It is important to emphasize one impact of this change: no longer are there specific courses that must be completed to fulfill general education requirements for these students. Elementary education, middle level, and early childhood education programs must continue to require an 18-hour academic specialty as part of their teacher education program.

Transfer Students:

Students who transfer into Illinois State University from community colleges or other colleges or universities, who do not complete the University General Education requirements, must continue to meet the Illinois State Board of Education course-by-course requirements designated in the Administrative Rules and the Illinois Articulation Agreement. However, any student not completing the University General Education requirements listed in the *2000-01 Undergraduate Catalog* must meet the State general education requirements. Those requirements are outlined below for transfer students for each of the two groups of certificates. Each student seeking a certificate will have the program of studies evaluated for completion of these requirements. The list of

courses which meet the requirements can be reviewed at the Academic Advisement Center or from a department advisor for Teacher Education. The transfer student who completes the General Education Program requirements is encouraged to work closely with an academic advisor in determining the appropriate selection of courses. Completion of General Education Program requirements does not ensure that the requirements for certification have been met.

Transfer Students In Early Childhood, Elementary, and Middle Level Teacher Education:

Transfer students who are majors in Early Childhood Education, Elementary Education, and Middle Level Teacher Education who do not complete the University's General Education requirements must complete the following 71-hour State General Education requirements, as specified by the State of Illinois, for their respective teaching certificates:

1. **Communication Skills** (9 hrs): 3 hours of Oral Communication (COM 110 or equiv) and 6 hours of Written Communication (ENG 101 and ENG 145 or equiv).
2. **Mathematics and Science** (18 hrs): 6 hours of Mathematics (MAT 151 and 152 or 202 or equiv); and 12 hours of Biological and Physical Sciences, including one laboratory course.
3. **Humanities*** (15 hrs): 3 hours of American History**, 3 hours of English; and 9 hours of History**, English, Literature, Foreign Language, Fine Arts (Art, Music, Theatre), Linguistics, and/or Philosophy. **NOTE:** For Early Childhood Education the specific 3 hours of English is not required and the total hours of Humanities is 12.
4. **Social Sciences*** (9 hrs): 3 hours of American Government (POS 105 or equiv); and 6 hours of Political Science, Anthropology, Cultural Geography, Economics, Psychology, and/or Sociology. **NOTE:** For Early Childhood Education 12 hours of Social Sciences (3 hours of American Government) is required.
5. **Health and Physical Development** (2 hrs): 2 hours of Health and/or Physical Development.
6. **Additional Study** (18 hrs): Additional study in one discipline chosen from the disciplines listed in 2, 3, and 4 above which includes a minimum of 9 hours of upper-division course work. (Elementary Education majors must complete their 18 hours of Additional Study in one of the following areas: Art, Biological Science,

Cultural Geography, English, Foreign Language, History, Mathematics, Music, Physical Science, Political Science, or Theatre.)
TOTAL of 71*** hours.

Transfer Students Seeking High School and Special Certificates: Transfer students who do not complete Illinois State University General Education requirements must complete the state general education requirements. The following 47 hours of general education requirements, as specified by the State of Illinois, apply to individuals seeking a Standard Special K-12 teaching certificate or a Standard High School 6-12 teaching certificate. See the sections on each certificate for a list of Teacher Education majors available at Illinois State University.

1. **Communication Skills** (9 hrs): 3 hours of Oral Communication (COM 110 or equiv) and 6 hours of Written Communication (ENG 101 and 145 or equiv).
2. **Mathematics and Science** (12 hrs): 3 hours of Mathematics; and 9 hours of Biological and Physical Sciences, including 1 laboratory course.****
3. **Humanities*** (15 hrs): 3 hours of American History**; 3 hours of English; and 9 hours of History**, English, Literature, Foreign Languages, Fine Arts (Art, Music, Theatre), Linguistics, and/or Philosophy.
4. **Social Sciences*** (9 hrs): 3 hours of American Government (POS 105 or equiv); and 6 hours of Political Science, Anthropology, Cultural Geography, Economics, Psychology, and/or Sociology.
5. **Health and Physical Development** (2 hrs): 2 hours of Health and/or Physical Development.

TOTAL of 47*** hours. (Hours of credit counted for the purpose of meeting General Education requirements may also be counted for the certification major field of specialization.)

*At least one 3-hour course must be taken in Non-Western or Third World Cultures from either the Humanities or Social Sciences.

**Courses in American History or History may be applied toward meeting either the Humanities or the Social Science requirements.

***In addition to hours of credit awarded, acceptance of competencies equivalent to the hours of credit prescribed will be counted if officially recorded on a college or university transcript.

****Both Biological and Physical Science credit must be included.

CERTIFICATES

Early Childhood Education (Age 0-Grade 3)

Candidates completing the Early Childhood Education Major will earn a certificate for teaching in preschool through grade 3. To complete the requirements for this certificate, the student must complete (1) the General Education requirements for an Early Childhood certificate and (2) the Professional Education requirements for the Early Childhood Education Major. The General Education requirements for transfer students are listed in the previous section for Early Childhood Education certification. Students should work closely with an advisor in selecting courses which will meet the General Education Program requirements for certification. Professional Education requirements are provided in the Department of Curriculum and Instruction section of this *Undergraduate Catalog*. Students will also complete a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to student teaching, STT 399.

Elementary School (Grades K-9)

Candidates completing the Elementary Education Major will earn a certificate for teaching in kindergarten through ninth grade. The student may also elect to complete requirements for one or more endorsements to teach upper-level elementary/junior high/middle school subjects. To complete the requirements for this certificate, the student must complete (1) the General Education requirements for an Elementary certificate and (2) the Professional Education requirements for the Elementary Education Major. Previously listed are the requirements for General Education for Elementary Education certification for transfer students. Students should work closely with an advisor in selecting courses which will fulfill the requirements of General Education Program requirements, General Education for certification, and optional endorsements. Professional Education requirements are provided in the Department of Curriculum and Instruction section of this *Undergraduate Catalog*. Students will also complete a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to Student Teaching, STT 399. Requirements for endorsements are available in the Office of Academic Advisement and from departmental advisors. Endorsements to the certificate are required in order to teach departmentalized courses in the

upper elementary, middle-school, or junior-high schools. An Elementary Education major who completes the requirements for a BS or BS in Education degree and completes the proposed required courses for the Bilingual/bicultural sequence, may be certified as an elementary school teacher with bilingual/bicultural approval.

Middle Level Teacher Education (Grades K-9)

Candidates completing the Middle Level Teacher Education Major will earn a certificate for teaching in kindergarten through ninth grade with two or more endorsements to teach upper-elementary/junior high school subjects. To complete the requirements for this certificate, the student must complete (1) the General Education requirements for an Elementary certificate, (2) the Professional Education requirements for the Middle Level Teacher Education Major, and (3) Field of Study requirements. The requirements for General Education for transfer students are listed in the previous section for Elementary Education certification. Students should work closely with an advisor in selecting courses which will meet the requirements of General Education Program requirements, General Education for certification, and the field(s) of study. Professional Education requirements are provided in the Department of Curriculum and Instruction section of the *Undergraduate Catalog*.

Students in the program may prepare themselves to teach in selected subject areas of the junior high/middle school: Language Arts, Science, Social Studies, Health, Physical Education, Mathematics, Industrial Arts, Art, Music, and Reading. See the description for the Middle Level Teacher Education program in the Curriculum and Instruction section of the *Undergraduate Catalog*. Students should confer with their academic advisors when selecting courses in the areas of concentration so that such courses may enable them to meet the Illinois State Board of Education requirements for endorsements. A certificate must be endorsed in order to teach junior high and departmentalized upper elementary in the following section.

High School (Grades 6-12)

Candidates completing a Teacher Education sequence of a specified major will earn a certificate for teaching grades 6-12. To complete requirements for this certificate, the student must complete (1) the General Education requirements for High School Certificates, (2) the Professional Education requirements for Secondary Majors, and (3) field of

study requirements. The requirements for General Education for transfer students are previously listed. Professional Education and field of study requirements are listed in the following section.

Students seeking secondary education certification (6-12) interested in teaching in a departmental Middle School and a Junior High will need a Middle Level Teacher Education endorsement after July 1st, 1997. For specific details, contact the Teacher Education advisor in the respective academic area.

Professional Education Requirements:

Each student preparing to teach at the secondary level (6-12) must complete the following Program: EAF 228 or 231 or 235 (3 hrs); PSY 215 (3 hrs); C&I 214 (2 hrs), 215 (2 hrs), 216 (4 hrs); all Professional Education courses must be passed with a grade of C or higher; a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to student teaching; and Student Teaching, STT 399. Special Methods courses are listed as part of the academic major. Courses to meet Professional Education requirements may not be taken for CT/NC.

Fields of Study Requirements:

The student must complete a Teacher Education sequence of a specified major to earn a 6-12 teaching certificate. The approved Teacher Education Major or Comprehensive Major may be selected from the following programs which are described in detail in the undergraduate Fields of Study section of this *Undergraduate Catalog*. Education minors or a second major may be elected by any student.

Fields of Study:

Agriculture—Education Major
 Anthropology—Education Minor
 Art—Education Minor
 Biological Sciences—Education Major and Education Minor
 Business Teacher Education—Education Major and Education Minor
 Chemistry—Education Major and Education Minor
 Economics—Education Minor
 English—Education Major and Education Minor
 Family and Consumer Sciences—Education Major
 French—Education Major and Education Minor
 Geography—Education Major and Education Minor
 German—Education Major and Education Minor
 Health—Education Major and Education Minor

History—Education Major and Education Minor
 Industrial Technology Major—Industrial Education Sequence
 Journalism—Education Minor
 Mathematics—Education Major and Education Minor
 Music—Education Minor
 Philosophy—Education Minor
 Physical Education—Education Major and Education Minor
 Physics—Education Major and Education Minor
 Political Science—Education Minor
 Psychology—Education Minor
 Reading—Education Minor
 Social Sciences—Education Major
 Sociology—Education Minor
 Spanish—Education Major and Education Minor
 Speech Communication—Education Major and Education Minor
 Teaching English as a Second Language—Education Minor
 Theatre—Education Major and Education Minor

Students should confer with their academic advisors when selecting courses in the minor area so that such courses may enable them to meet requirements of the Illinois State Board of Education endorsements which must be satisfied in order to teach in high schools in Illinois. Requirements of endorsements are available from Department advisors and the Academic Advisement Center.

Special (Grades K-12) - other than Special Education

Candidates completing a comprehensive major in selected fields of study may earn a certificate for teaching the subjects named therein in all grades of the common school. To complete requirements for this certificate, the student must complete (1) the General Education requirements for a High School Certificate, (2) the Professional Education requirements for K-12 majors, and (3) field of study requirements. The requirements for General Education for transfer students are previously listed. Professional Education and field of study requirements are listed in the following section.

Professional Education Requirements:

Each student preparing to teach at the K-12 level must complete the following courses: EAF 228 or 231 or 235 (3 hrs); PSY 215 (3 hrs); C&I 214 (2 hrs), 215 (2 hrs), 216 (4 hrs); all Professional Education courses must be passed with a grade of C or higher; a minimum of 100

clock hours of approved pre-student teaching Clinical Experiences in K-12 sites; Student Teaching 399. Students enrolled in Special K-12 programs will be assigned to do student teaching in K-12 sites. Courses to meet the Professional Education requirement may not be taken for CT/NC. K-12 Music majors are not required to complete C&I 214 or 216.

Fields of Study Requirements:

The approved Teacher Education program for students enrolled in the Special K-12 Program may be selected from the following programs which are described in detail in the undergraduate Fields of Study section of the Undergraduate Catalog:

Art—Comprehensive Education Major
 Business Teacher Education—Business Teacher Education Major
 Music—Education Major
 Physical Education—Education Major
 Speech Pathology—Comprehensive Education Major (students must have a master's degree in the field to obtain the Illinois Certificate in Speech and Language and the ASHA Clinical Certificate.)

Students who complete one of the programs above and earn a K-12 certificate may teach only in that area. Students may complete any minor listed for the 6-12 certificate but may not teach in that area until a 6-12 certificate is granted through entitlement or transcript evaluation. Students should confer with their academic advisors when selecting courses in the minor area so that such courses may enable them to meet requirements of the Illinois State Board of Education.

Special Education (K-12)

Students in Special Education may complete a sequence in any of the following areas: Learning and Behaviorally Disordered, Deaf and Hearing-Disabled, Mentally Handicapped-Educable, Mentally Handicapped-Trainable, Physically Handicapped, and Visual Disabilities. To ensure full certification, the pattern of preparation should include General Education as previously described for transfer students, and the Professional Education and Area of Specialization requirements described in the Special Education section of this Undergraduate Catalog.

All students will complete a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences in K-12 sites. Students enrolled in the approved Special Education sequences will be assigned to do student teaching in K-12 sites.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Observation, participation, studies of individual pupils, simulated teaching, individual field work, student teaching and practicum are included in the Clinical Experiences program. The experiences offered prior to student teaching are usually integral parts of specific college courses. Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Office of Clinical Experiences and Certification Processes coordinates all placements for Clinical Experiences. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description in the Undergraduate Catalog. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one on one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

STUDENT TEACHING REQUIREMENTS

The following applies to all those student teaching:

The minimum requirement in student teaching is full-day for at least 10 weeks (e.g., a minimum of 50 attendance days). All assignments also require 36 clock hours of clinical work for each semester hour of credit (e.g., 10 semester hours—360 clock hours). More clock hours of clinical work are required in Speech Pathology.

The number of semester hours of student teaching required varies with the student's curriculum. A student does student teaching in his or her major field of study. A student must meet all eligibility requirements for student teaching in that major field.

The following requirements must be met prior to participation in student teaching. Students may be removed from the student teaching assignment if at any time these requirements are not met.

1. Approval for student teaching by the Director of Clinical Experiences and Certification Processes (CECP). This approval will include verification of all of the following:
 - a. formal admission to Teacher Education at least 1 semester prior to the beginning of the student teaching semester;
 - b. successful completion at Illinois State University of at least 4 hours of Professional Education approved by the appropriate education department and the Director of CECP;
 - c. a minimum of 85 hours of college credit earned;
 - d. a minimum cumulative 2.50 GPA, or as specified by the major department, for all course work completed at Illinois State University and a minimum major GPA for all course work fulfilling major requirements for student teaching;
 - e. documentation of completion of at least 100 clock hours of approved pre-student teaching Clinical Experiences;
 - f. have on file in the Office of CECP a negative tuberculosis test statement from the University Student Health Service or other medical agency; (prerequisite for student teaching registration);
 - g. if requested, a statement from a physician indicating the student is emotionally capable of completing the duties of a certified teacher (prerequisite for student teaching registration);
 - h. a written application for student teaching filed in the Office of CECP at least 6 months prior to the planned student teaching semester;
 - i. satisfactory completion of prerequisite courses to STT 399 (listed under University-wide Courses).
 - j. meet retention requirements of Admission to Teacher Education.
2. Approval for student teaching by the student's major department chairperson or designee. this approval will be based on all of the following:
 - a. content knowledge in the student's major area of study (and minor if a minor is required);
 - b. professional knowledge necessary for performing teaching responsibilities;

- c. performance during the pre-student teaching Clinical Experiences;
- d. evidence of personality characteristics and interpersonal skills necessary for working with children and youth;
- e. completion of all other departmental requirements (see major department for additional requirements.)

Student Teaching Assignments

The University will assign student teachers to selected schools or professional development centers in Illinois during regular semesters. Personnel of the Office of Clinical Experiences and Certification Processes, in cooperation with the head of the student's major department, make the student teaching assignments and perform procedures related to student teaching. Student teachers are assigned only to classrooms that have regularly employed full time and fully qualified teachers. Assignments are not made to a school in which the student teacher is concurrently employed as a teacher nor to schools that are in his/her home communities or in communities in which she/he is currently residing. A student teacher may not earn academic credit and receive a salary or an income for the same teaching experience.

During this period in the school, the student teacher works with one or more supervising teachers who are responsible for teaching a specific group or groups of pupils. These supervising teachers, along with the college supervisors, have responsibility for guiding and evaluating the work of the student teacher. During this experience, the student becomes a member of the school staff and of the community in which he or she is working (co-curricular activities and community affairs are a part of the student teaching experience).

Any student who has a prolonged illness or temporary disability and who is unable to continue in his/her student teaching assignment should consult with the Director of the Office of Clinical Experiences. A clearance from a physician will be required stating that the student is again able to continue in his/her student teaching assignment without any contingencies.

The Director of Clinical Experiences, upon the recommendation of the college supervisor or chairperson of the student's major department, may remove a student from the assignment or require a student to do additional work and continue student teaching until the student is sufficiently competent to be recommended for certification. Certification is not an automatic procedure.

Student teaching assignments begin and end on the dates indicated in the student's official notice of assignment. Ordinarily, the student is expected to follow the school calendar of the school in which student teaching is done insofar as vacations and school holidays are concerned. Changes in dates involved in an assignment must receive the prior permission of the Director of Clinical Experiences.

Complaints Regarding Teacher Education Matters:

For information on how to appeal department and college decisions regarding admission, retention, evaluation, and certification into Teacher Education, contact the Office of Clinical Experiences and Certification Processes, 310 DeGarmo Hall. All appeals regarding teacher education will be reviewed only by the Teacher Education Review Board/Council for Teacher Education.

Certification for Persons Who Have Been Convicted of a Crime

Students convicted of first degree murder, attempted first degree murder, a Class X felony, or certain enumerated narcotics and sex offenses, are not eligible to obtain an Illinois teaching certificate. Other felonies are reviewed through application by the State of Illinois on its own merits with attention paid to evidence of good character and rehabilitation in light of the nature of the offense. For further information regarding specific cases, please contact the Office of Clinical Experiences and Certification Processes, 310 DeGarmo Hall.

TOURISM STUDIES

Minor in Tourism Studies

Advisor: Jill Freund Thomas, Department of Geography-Geology
200B Felmley Hall, Campus Box 4400
(309) 438-8403

Jointly developed and sponsored by the departments of Geography-Geology and Health, Physical Education and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, who resides in the Department of Geography-Geology.

- 24 hours required.
- Required courses: GEO 130, 135, 215, 265; HPR 271, 277, 377; POS 140 or 145.
- Recommended courses: GEO 315; HPR 374, 375.

URBAN STUDIES

Minor in Urban Studies

Advisor: Daniel J. Hammel, Department of Geography-Geology
207D Felmley Hall, Campus Box 4400
(309) 438-8112

The Minor in Urban Studies is an interdisciplinary minor sponsored by the Departments of Economics, Geography-Geology, History, Political Science, and Sociology-Anthropology. The program is designed to help students focus on the study of urban places from a social science perspective, and should be of interest to those who want to pursue careers in urban related areas such as politics, planning or community development, or to those who wish to pursue graduate study in these areas.

The program's features include required course work in urban geography, history, political science and sociology, and in applied research or analytical techniques. Students may choose from a range of elective courses, independent study with urban studies faculty, and an optional internship.

- 21 hours required.
- Required Core (12 hrs): GEO 336, HIS 322, POS 221 or 222, SOC 240 or 361.
- Required Methods (3 hrs): ECO 238 or GEO 204 or HIS 200 or POS 209 or SOC 271.
- Choose 6 elective hours from the following: GEO 303, GEO 370, HIS 256, POS 335, SOC 362, or any Core course not taken to fulfill the Core requirement. Independent Study courses for up to three hours and approved in advance by the Urban Studies Advisor also may be used for elective credit.
- Optional Internship (in addition to the 21 required hours) must be coordinated with the Urban Studies Advisor.
- Up to 6 hours taken in the minor may also be applied toward the student's major.
- **NOTE:** This program must be planned in consultation with the Urban Studies Advisor. Some courses carry prerequisites that require planning on the part of the student. In addition, the Advisor can assist students in tailoring the program to meet their individual interests.

WOMEN'S STUDIES (WS) 426

Minor in Women's Studies

Director: Valentine M. Moghadam, Women's Studies
237 Rachel Cooper, Campus Box 4260
(309) 438-2947

The Minor in Women's Studies enhances any undergraduate major by integrating a working knowledge of gender issues with the student's field(s) of study. Women's Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gender implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications in scholarship, the marketplace, and personal growth and relationships.

- 21 hours required.
- Required courses: WS 120; ENG 160; HIS 250; PHI 246.
- 9 hours of additional courses from: ANT 270; CJS 339; ENG 260, 360; FCS 233; HIS 330; PHI 244; POS 225; PSY 123 or SOC 123; PSY 305; SOC 264, 341, 366; WS 390, 391, 398.
- **NOTE:** This program must be planned in consultation with the Women's Studies Director or advisor. With their approval, courses other than those listed above may be counted toward the minor.

Women's Studies Courses

WS

120 WOMEN, GENDER

AND SOCIETY **MC-IS** **3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc req in COM 110, or COM 110 and conc req in ENG 101. May not be taken under the CT/NC option. Formerly IDS/WS 120, INTRODUCTION TO WOMEN'S STUDIES.

How systems of gender shape societies around the world; how individual and collective actions transform the gender system of a society.

WS

390 INTERDISCIPLINARY RESEARCH

IN WOMEN'S STUDIES **1-6 F,S**

A detailed proposal approved by the Director of Women's Studies and signed by 2 faculty advisors from different disciplines req prior to reg.

Students will research and write on an interdisciplinary topic of their choice relevant to Women's Studies.

WS

391 WOMEN'S STUDY SEMINAR 1-3 F,S, Summer

May be repeated; max 6 hrs.

Intensive study of an announced area and the production of a research paper relevant to Women's Studies.

WS

398 PROFESSIONAL PRACTICE INTERNSHIP

IN WOMEN'S STUDIES **1-6 F,S, Summer**

6 hrs of Women's Studies and cons Dir of Women's Studies May be repeated; max 16 hrs.

Supervised work experience in local, state, national, or international businesses, agencies, institutions, or organizations focusing on women's issues.

COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY

Dean: J. Robert Rossman, 145 Turner Hall.

The College of Applied Science and Technology is home to eight departments that offer programs to prepare students for professional and technical positions in education, government, business, and industry. Five departments in the College also offer teacher preparation programs. The one hundred twenty-five faculty in the College are dedicated to the personal and academic development of their students as well as the discovery and application of theoretical knowledge and the advancement of professional practice in their respective areas. This is accomplished through a dynamic partnership of interdisciplinary learning, scholarship, and service that is built on a collaboration among students, faculty, and members of the professional community.

The following eight departments are housed in the College: Agriculture; Applied Computer Science; Criminal Justice Sciences; Family and Consumer Sciences; Health, Physical Education, and Recreation; Health Sciences; Industrial Technology; and Military Science.

The College also offers graduate programs in seven departments including Agriculture; Applied Computer Science; Criminal Justice Sciences; Family and Consumer Sciences; Health, Physical Education, and Recreation; Health Sciences; and Industrial Technology. Descriptions and requirements of these programs may be found in the - 2000-2001 Graduate Catalog.

AGRICULTURE (AGR) 502

150 Turner, (309) 438-5654

Chairperson: J. Randall Winter.

Tenured/Tenure-track Faculty:

Professors: O'Rourke, Walker, Whitacre, Winter, Wood.

Associate Professors: Chrudimsky, Moore, Smiciklas, Tudor.

Assistant Professors: Baker, Cade, Gomez.

General Department Information

HONORS IN AGRICULTURE

The Department offers honors work in Agriculture to highly qualified juniors and seniors who will pursue an individualized program of study. The Honors Program enables the superior student to reinforce guided private study in agricultural topics of the student's own choosing with seminar-style research. Students interested in participating in the departmental Honors Program may secure further information by contacting the Chairperson of the Department of Agriculture. The Department also offers in-course honors work in all its courses for students enrolled in the University Honors Program or in any departmental honors program. In-course honors work is offered at the discretion of the instructor.

Agribusiness Program

Degree Offered: B.S.

MAJOR IN AGRIBUSINESS

Agribusiness Sequence:

- 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
- Required courses: ACC 131; AGR 109, 110, 130, 150, 170; CHE 110 and 112 or 140; ECO 105; MAT 120.
- The student must complete a minimum of 12 semester hours (within the 36 required in Agriculture) in Agricultural Economics courses selected from AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 318, 319, 320. AGR 295, 394, and 395 do not count toward this major.
- The student must complete a minimum of 9 hours from a combination of Agricultural Engineering Technology, Agronomy, Animal Science, or Horticulture Science (in addition to AGR 130, 150, and 170).
- Non-business majors who desire to elect more than 30 hours of their course work in business must meet all College of Business requirements for graduation. These students should register for additional courses only in person and with the written permission of the College of Business advisor.

Horticulture Sequence:

- 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
- Required courses: AGR 109, 110, 120, 130, 157, 260, 356; AGR 150 or BSC 196 or 197 (AGR 150 preferred); ECO 105; ACC 131; FIL 208; MAT 120; CHE 110 and 112, or 140.
- 6 hours from AGR 252, 253, 254, 255, 256, 262, 352, 353, 355.
- AGR 295, 394, and 395 do not count toward this sequence.

Agriculture Program

Degree Offered: B.S.

MAJOR IN AGRICULTURE

General Agriculture Sequence:

- 36 hours in Agriculture required.
- A minor or second major is required.
- Agriculture core required courses: AGR 109, 110, 130, 150, and 170.
- Additional required courses: BSC 196 or 197 (196 preferred); CHE 110 and 112, or 140.
- At least 1 additional course in each of 3 of the 4 following specialized areas of Agricultural Economics, Agricultural Engineering Technology, Agronomy, and Animal Science. AGR 295, 394, and 395 do not count toward this sequence.

Agriculture Industry Management Sequence:

- 55 hours in Agriculture or Agriculture and Industrial Technology required.
- Agriculture core required courses: AGR 109, 110, 130, 150, 170.
- Additional required courses: AGR 157 (required for Agronomy Industry Management Concentration) or 171 (required for Animal Industry Management Concentration) or IT 110 (required for Agricultural Engineering Technology Management Concentration); CHE 110 and 112 or 140; ECO 105; MAT 119 or 120 or 144.
- 8 hours of Agriculture electives.
- 15 hours of Agribusiness (including AGR 110).
- 23 hours of Animal Science electives including AGR 170 and 171; or 23 hours of Agronomy electives including AGR 150 and 157; or 22 hours of Agriculture Engineering Technology or Industrial Technology (including AGR 130 and IT 110).

Concentrations: Students selecting the Agriculture Industry Management Sequence may elect an Animal Industry Management Concentration or an Agronomy Industry Management Concentration or an Agriculture Engineering Technology Management Concentration. Students may choose courses from among the following lists for each concentration.

- **Animal Industry Management:** Animal Science courses (AGR 171, 272, 274, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 318, 319, 320), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).
- **Agronomy Industry Management:** Agronomy courses (AGR 157, 250, 251, 263, 272, 355, 357, 358, 363), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 318, 319, 320), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).
- **Agriculture Engineering Technology Management:** Agricultural Engineering Technology and Industrial Technology courses (AGR 231, 232, 234, 235, 340, 383; IT 110, 111, 116, 130, 131, 151, 208), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 318, 319, 320), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).

Agricultural Science Sequence:

- 36 hours in Agriculture (including at least 20 hours in either Animal Science or Agronomy) and 25 hours in Biological Sciences, Chemistry, Physics or Mathematics.
- Agriculture core required courses: AGR 109, 110, 130, 150, 170.
- At least 3 senior-level hours from the Agricultural Economics area (213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 318, 319, 320).
- Additional required courses: AGR 272 or BSC 219; AGR 171 (required for Animal Science Concentration) or AGR 157 (required for Agronomy Concentration); MAT 120 or 144; AGR 363 or PSY 240; CHE 110 and 112 or 140 and 141; CHE 220 or 230 and 231; CHE 242 or 342 or 280 (CHE 280 is recommended for the Agronomy Concentration); BSC 196 or 197; BSC 211 (recommended for Agronomy Concentration or 283 (recommended for Animal Science Concentration)).

Concentrations: Students selecting the Agriculture Science Sequence may elect an Animal Science Concentration or an Agronomy Concentration. Students may choose courses from among the following lists for each concentration.

- **Animal Science:** AGR 171, 272, 274, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378.
- **Agronomy:** AGR 157, 250, 251, 263, 272, 355, 356, 357, 358, 363.

Agriculture Education Sequence:

All Agriculture Education students planning to become certified teachers must apply for and be admitted to the University Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). A cumulative 2.5 GPA and 2.5 in the major are required for admission and retention in the sequence. Students are encouraged to consider a second certification in an academic area such as Biological Sciences, Chemistry or Mathematics.

- 55 hours in Agriculture required.
- Agriculture core required courses: AGR 109, 110, 130, 150, and 170.
- Additional required courses: AGR 120, 157, 171, 190, 205, 214, 232, 295, 394 and 395; BSC 196 or 197 (196 preferred); CHE 110 and 112, or 140.
- Professional Education requirements: EAF 228 or 231 or 235; PSY 215; C&I 214, 215, and 216; a minimum of 100 clock hours of approved pre-student teaching clinical experiences; and Student Teaching 399 (10 hours). All Professional Education courses must be passed with a grade of C or higher. Program leads to certification: Secondary 6-12.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN AGRICULTURE

- 24 hours in Agriculture required.
- Required courses: AGR 110, 130, 150, 170.

Agriculture Courses

In meeting program requirements in Agriculture, the student should note that the courses are considered in areas, as follows:

General courses: 100, 109, 198, 201, 203, 205, 302, 303, 398.

Agricultural Economics: 110, 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 318, 319, 320.

Agricultural Education: 190, 295, 394, 395.

Agricultural Engineering Technology: 130, 231, 232, 234, 235, 340, 383.

Agronomy: 150, 157, 250, 251, 263, 272, 352, 355, 357, 358, 360, 363.

Animal Science: 170, 171, 272, 274, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378.

Horticulture Science: 120, 150, 157, 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.

109 INTRODUCTION TO THE AGRICULTURAL INDUSTRY 1 F,S

The development of agriculture as an industry; contributions of agriculture to society; the technology of the industry.

110 INTRODUCTORY AGRICULTURAL ECONOMICS 3 F,S

Fundamental principles of economics applied to agriculture, agriculture finance, prices, taxation, marketing, and land use.

120 INTRODUCTORY HORTICULTURE 3 F

Introduction to principles and practices in development, production, and use of horticultural crops (fruits, vegetables, greenhouse, floral, turf, nursery, and landscape).

130 INTRODUCTION TO AGRICULTURAL ENGINEERING TECHNOLOGY 3 F

Lecture and lab. Materials charge optional.

Place of mechanics in agriculture. Examples, problems, discussions, and laboratory exercises in present and future mechanics applications.

150 PRINCIPLES OF AGRONOMY 4 F

Lecture and lab. Formerly INTRODUCTION TO PLANT SCIENCE.

Fundamentals of plant science; importance, classification, distribution, and production practices of the major crops of the world.

157 SOIL SCIENCE 4 S

CHE 110 and 112 or equiv req. Lecture and lab.

Origin and formation, physical and chemical properties, moisture relationships, liming and fertilizing soils. Chemical and physical tests of soils.

170 INTRODUCTION TO ANIMAL SCIENCE 4 F,S

Lecture and lab.

Breeding, selection, genetics, nutrition, physiology, and production of farm animals. Fundamentals of animal science.

171 INTRODUCTION TO ANIMAL NUTRITION 4 F or S

AGR 170 req. Formerly LIVESTOCK FEEDING PRINCIPLES.

Study of nutrients, their metabolism and utilization; digestive physiology in ruminants and non-ruminants; diet formulation and ration balancing.

190 INTRODUCTION TO AGRICULTURAL EDUCATION 2 S

Incl Clin Exp: 10 hrs, Type 1, 5, 6.

Introduction to agricultural teaching profession, overview of the total agricultural program, philosophical base of education process, and teaching special-need students.

198 PROFESSIONAL PRACTICE: FARM INTERNSHIP 1-6 F,S,Summer

Maj only. Approved application req. CR/NC only.

Experience in basic agricultural operations. Min 45 hrs experience/hr credit.

201 RESOURCES, FOOD, AND SOCIETY: A GLOBAL PERSPECTIVE MC-IS 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc req req in COM 110, or COM 110 and conc req req in ENG 101. May not be taken under the CT/NC option.

Food and fiber production and distribution problems, policies, and processes analyzed within social, economic, political, and cultural contexts of societies.

203 AGRICULTURE AND THE ENVIRONMENT OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req.

Examination of contemporary environmental issues that are strongly linked to current and past agricultural practices.

205 MICROCOMPUTER APPLICATIONS IN AGRICULTURE 3 F,S

AGR 110, 130, 150, and 170 req.

Introduction to microcomputer applications specific to agriculture.

213 FARM MANAGEMENT 3 F,S

Factors of production, such as equipment, labor distribution, cropping systems, and soils; organization and operation; types of farming.

214 AGRICULTURE MARKETING 3 F,S

Markets, price-making forces, reasons for existing practices, marketing services, and cooperative marketing.

215 AGRIBUSINESS OPERATIONS 2 F,S

Procedures and methods of profitable operations used by agricultural business; lectures and discussions pertaining to the *world of work* by successful agribusiness leaders.

216 FARM ACCOUNTING 3 F,S

Standard farm business accounting methods and procedures, financial measures of success, inventories, depreciation, net worth, income tax, budgeting and cash flow, and business analysis.

231 AGRICULTURAL CONSTRUCTION AND MAINTENANCE 3 S

AGR 130 req. Lecture and lab.

Selection, use, and maintenance of hand and power tools and equipment for construction and maintenance in agriculture; shop organization; shop safety.

232 AGRICULTURAL POWER UNITS AND MACHINERY 3 S

Lecture and lab.

Principles of single and multiple cylinder engine operation. Selection, adjustment, operation, and maintenance of field machinery.

234 SOIL AND WATER CONSERVATION 3 F*Lecture, lab, and field trips.*

Drainage, soil erosion control, water conservation on farms; planning, materials, construction, repair, and adaptation of structures to farm needs.

235 FARM UTILITIES 3 S*Lecture and lab. Offered even-numbered years.*

Application of electricity for light, heat, and power; principles of operation, selection, and installation of electrical equipment. Water supply and sewage systems.

250 CROP GROWTH AND DEVELOPMENT 4 S*AGR 150 or equiv req. Lecture and lab. Formerly FIELD CROP PRODUCTION. Materials charge optional.*

Crop management and plant growth as influenced by the environment, plant species, cropping systems, and principles of integrated crop management (ICM).

251 FORAGE MANAGEMENT 3 S*AGR 150 or equiv req. Lecture and lab. Formerly FORAGE CROP PRODUCTION.*

Forage plant management and utilization as influenced by genetic, environmental, and post-harvest factors, with emphasis on cool season perennial species.

252 LANDSCAPE MANAGEMENT 3 F*AGR 150 and 157 or cons inst req. Lecture and lab.*

Cultural practices and principles in the selection and care of ornamental plants for landscape and garden use. Introduction to landscape design and maintenance.

253 FLORAL DESIGN 3 F*Lectures and practice in floral designing. Materials charge optional.*

Principles and practice in the design of floral arrangements. Introduction to the operation of retail florist businesses.

254 HERBACEOUS PLANT MATERIAL 3 S*AGR 120 req. Lecture and lab. Field trip. Offered even-numbered years in the spring.*

Identification, selection, use, and management of annuals, perennials and ornamental grasses in the landscape.

255 LANDSCAPE PLANTS 3 F*Intensive field study supplemented by lectures. Offered odd-numbered years.*

Identification and landscape value of ornamental trees, shrubs, vines, and ground cover.

256 LANDSCAPE PLANTS II 3 S*AGR 255 req. Intensive field study; lecture.*

Continuation of AGR 255. Identification and landscape value of additional species of ornamental trees, shrubs, vines, groundcovers, perennials and annuals.

257 FRUIT AND VEGETABLE PRODUCTION 3 F*AGR 120 req. Lecture and lab. Field trip.*

Horticultural food crop identification, production and cultural requirements. Introduction to quality determinations, pest control and marketing.

260 GREENHOUSE OPERATION AND MANAGEMENT 3 S*AGR 157 and either BSC 196 or 197 or AGR 150 or equiv req. Lectures and greenhouse practices. Materials charge optional.*

Commercial greenhouse operation and management; growth media, temperature and light factors, irrigation, fertilization, growth regulation and pest control programs.

262 NURSERY MANAGEMENT 3 S*AGR 120 or 150 req. Lecture and lab. Field trip req. Offered odd-numbered years.*

Commercial nursery production and management including: nursery site selection; nursery development, container and field stock; nursery facilities and equipment requirements.

263 WEED SCIENCE 3 F*AGR 150 or equiv req. Lecture and lab.*

Principles and practices of weed management systems, including chemical and non-chemical controls. Identification and biology of common weed species.

272 AGRICULTURAL GENETICS 3 F

Heredity, variation, and development of domesticated plants and animals. Mendelian genetics, mutations, linkage, quantitative inheritance, and population genetics.

274 DAIRY SCIENCE 4 F*AGR 170 req; 171 rec. Lecture, lab, and field trips.*

The dairy industry; breeds, selection, judging, care, and management of dairy cattle; quality milk production, milk products, and milk testing.

276 SWINE MANAGEMENT 3 F*AGR 170 and 171 req. Lecture and lab.*

Breeds, care, and management of breeding herd; care and feeding of swine, selecting swine for breeding and marketing.

280 LIVESTOCK AND DAIRY CATTLE SELECTION 3 S*Lab and field trips. Formerly LIVESTOCK SELECTIONS.*

Fundamentals of livestock and dairy selection; relation to production, marketing, and showing.

282 LIVESTOCK HEALTH AND DISEASES 3 F*AGR 170; BSC 196 or 197 req.*

Animal physiology, anatomy, sanitation, and diseases. Prevention and control of diseases of domesticated species of livestock.

283 ARTIFICIAL INSEMINATION OF FARM ANIMALS 3 S*Lecture and lab.*

Principles of artificial insemination and factors affecting conception in natural and artificial breeding.

284 LIVESTOCK PRODUCTION SKILLS 3 F*AGR 170 req. Cons inst req. Lecture, lab, and field trips.*

Study and mastery of skills required in livestock production and different methods and tools used to perform these skills.

285 MEAT SCIENCE 3 S*Lecture and lab. Offered odd-numbered years. Materials charge optional.*

Comprehensive treatment of the meat industry and presentation of basic facts about one of our most important food products.

286 BEHAVIOR OF DOMESTIC ANIMALS 3 S
AGR 170 rec.

Behavioral patterns and systems, group formations, socialization, physical environment, genetic and physiological factors as they relate to domestic animals.

288 ADVANCED LIVESTOCK AND DAIRY CATTLE SELECTION 3 F
AGR 280 req. Lab and field trips. Formerly ADVANCED LIVESTOCK SELECTION.

Judging various species of livestock in relation to their functions in the show ring and market and the presentation of oral reasons.

290 HORSE SCIENCE 3 S
AGR 170 or documented evidence of 3 years experience with horses req. Offered even-numbered years.

Anatomy, physiology, nutrition, and genetics applied specifically to horses.

295 SUMMER INTERNSHIP IN AGRICULTURAL EDUCATION 3 Summer
Adm to Teacher Ed req. Incl Clin Exp: 100 hrs, Type 1-4, 9.

Experience in the profession of agricultural education in high school. Includes program planning and working with special-needs students.

302 SPECIAL PROBLEMS IN AGRICULTURE 1-3 F,S,Summer
Maj/min in Agriculture or Agriculture Business; 2.5 GPA req. May be repeated; max 6 hrs.

Special work in research interests of student and staff. Projects must be approved by the staff member and the Chairperson of the Department.

303 SEMINAR IN AGRICULTURE 1 F,S
*Sr or grad standing req.***310 RURAL APPRAISALS 3 F or S**
AGR 216 or 318 or ACC 131 rec, and an academic background in agriculture. Field trips.

Principles, procedures, and terminology for evaluating rural property; preparation of appraisal reports as currently prepared by qualified and experienced rural appraisers.

312 ADVANCED FARM ACCOUNTING 3 S
AGR 213 and 216 req.

Advanced farm business records and analysis with emphasis on computer applications.

313 ADVANCED FARM MANAGEMENT 3 S
AGR 213 and 216 req.

Farm business decisions and their interrelationships. Examination of statics, dynamics, and uncertainty in agricultural decision-making.

314 GRAIN MARKETING 3 F
AGR 214 req.

Economics and marketing problems in grain industry; emphasis on futures marketing.

315 FINANCIAL MANAGEMENT AND ANALYSIS OF THE AGRIBUSINESS FIRM 3
AGR 215; MAT 120; and AGR 216 or ACC 131 or cons inst req.

Application of quantitative concepts and methods to the analysis and financial management of proprietary and cooperative agribusiness firms.

316 LIVESTOCK MARKETING 3 S
AGR 214 req.

Economic principles applied to marketing of livestock and livestock products. Consideration given to producers, processors, and distributors.

318 AGRICULTURAL FINANCE 3
AGR 216 or ACC 131 req.

Principles of agricultural finance including the capital requirements, the sources of credit, and the optimum uses of capital.

319 AGRICULTURAL POLICIES AND PROGRAMS 3 F
AGR 110 req.

History and impact of governmental intervention in agriculture. Examination of major agricultural programs, past and present.

320 FARM COMMODITY PRICING 3 F
AGR 214 req.

Theory and mechanics of price determination for agriculture commodities.

340 EQUIPMENT FOR PRODUCING AND HANDLING AGRICULTURAL PRODUCTS 3 S
AGR 130 req. Lecture, lab, and field trips. Offered odd-numbered years.

Selection, design, operation, adjustment, and maintenance of machinery and equipment used in producing, storing, and processing agricultural products.

352 TURF MANAGEMENT 3 F
AGR 150 or BSC 196 or 197 req. Offered even-numbered years.

Principles and practices used in management of turf-grasses, residential and recreational turf.

353 LANDSCAPE DESIGN AND CONSTRUCTION 3 S
AGR 252 and 255 req. Lectures and practice in landscape design. Offered even-numbered years.

Problem approach to landscape design and construction. Site surveys and analyses. Plant selection and preparation of functional designs.

355 PLANT BREEDING AND BIOTECHNOLOGY 3 S
AGR 272 or equiv req. Formerly PLANT BREEDING. Offered even-numbered years.

Breeding procedures and techniques used in developing new varieties of field crops.

356 PLANT PROPAGATION 3 S
AGR 150 or BSC 196 or 197 req. Lecture and lab. Offered odd-numbered years. Materials charge optional.

Basic principles and commercial practices involved in sexual and asexual propagation of agricultural plants.

357 SOIL FERTILITY AND FERTILIZERS 4 S
AGR 157 req. Lecture, lab, and field trips.

Fundamental concepts of soil fertility and fertilizer manufacturing. Plant nutrition, factors affecting plant growth, soil-plant relationships, and macro- and micro-nutrients.

358 SOIL MANAGEMENT 4 F
AGR 157 req. Lecture and lab.

Applications of physical and chemical properties of soils to their management.

363 AGRICULTURAL EXPERIMENTATION 3 S

MAT 120 or 144 req. Lecture and lab. Offered odd-numbered years.

Principles of agricultural research for plant and animal sciences; includes design, data collection, interpretation, and presentation of results.

371 FEEDLOT MANAGEMENT 3

AGR 170 and 171 req; 170 and 171 rec. Lecture, lab, and field trips. Formerly AGR 275.

Study of the cattle industry from backgrounding calves to marketing finished cattle, including cattle management, financing, marketing, and facility design.

372 LIVESTOCK BREEDING 3

AGR 272 or BSC 319 req.

Reproduction and principles of heredity and their application to livestock breeding; population genetics, inbreeding, relationship, outbreeding, and selection.

375 ANIMAL NUTRITION 3

AGR 170 and 171 req. Field trips. Offered odd-numbered years.

Science of animal nutrition; special attention to recent discoveries pertaining to the protein, mineral, and vitamin requirements of livestock.

378 BEEF COW-CALF MANAGEMENT 3 S

AGR 170 and 171 req. AGR 213 and 216 rec. Lecture, lab, field trips, and overnight calf watch at University Farm. Formerly 278.

Study of the beef cow-calf industry from both a purebred and commercial perspective including management skills required for cow-calf production.

383 AGRICULTURAL ACCIDENT PREVENTION 3

CHE 110, 140 or cons inst or adm to Environmental Health and Safety graduate program req. Half-day Saturday field trip at end of sem req. Also offered as HSC 383. Formerly AGR 373.

Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement countermeasures.

394 METHODS AND PROCEDURES IN AGRICULTURAL EDUCATION 3 F

Incl Clin Exp: 10 hrs, Type 1-6, 9. Adm to Teacher Ed req. Formerly AGR 396

Procedures in planning, conducting, and evaluating an agricultural education program; pragmatic interfacing of learning theories, philosophy and guidance with instructional programs in agriculture.

395 PROFESSIONAL SEMINAR IN AGRICULTURE EDUCATION 2 S

SIT 399 conc reg req. Adm to Teacher Ed req.

In-depth analysis of selected trends, issues, problems confronting the agricultural educator.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN AGRICULTURE 1-6 F,S,Summer

Maj in any AGR program; 2.5 GPA; 8 hrs of course work in intern area; approved application req. May be repeated; max 6 hrs.

Supervised on-the-job experience in an agriculture setting. Minimum 45 hrs experience/credit.

APPLIED COMPUTER SCIENCE (ACS) 515

202 Old Union, (309) 438-8338

Chairperson: Robert Zant.

Tenured/Tenure-track Faculty:

Professors: Beccue, C. Chrisman, Gyires, Hartman, Zant

Associate Professors: G. Chrisman, Crow, Doss, Lim, Rariden, Vila, Walstrom.

Assistant Professors: Brumbaugh, Califf, Coliz, Schambach, Wallace, Yurcik.

General Department Information

The Applied Computer Science Department offers three degree programs: in Information Systems, in Applied Computer Science, and in Telecommunications Management. All three require substantial interpersonal communication skills as well as technical skills in computing, information technology and networks. The curricula have a strong practical emphasis on the application of computers, systems, and networking techniques to real world problems. Practical skills and applications are balanced with exposure to the knowledge base that underlies the field of computing. A core of 5 courses (16 hrs) provides a common foundation for each degree program.

Both the Information Systems and Applied Computer Science programs prepare a student for an application development oriented computing career, but, there are important differences in the context of the work to be performed, the types of problems to be solved, and the types of systems to be designed and built. Starting positions for either program include such job titles as programmer or programmer/analyst. The Telecommunications Management program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained.

Department minors are intended to help majors in other departments focus on specific skills and electives which are relevant for their career needs. Minors are available in Information Systems and in Computer Science.

Academic Requirements:

To enroll in a course in the Applied Computer Science Department, a grade of C or higher is required in all prerequisite courses. For majors, only courses in which the student has received a grade of C or higher may be counted toward the hours required in the major, including supporting requirements.

A student cannot pursue a double major with any two programs in the ACS Department. Also, a student cannot pursue both a major and a minor in the ACS Department.

Admission Requirements:

A student may enter a major in the Applied Computer Science Department as a new freshman, a transfer student, or as a change of major at Illinois State University. Students should contact the Applied Computer Science undergraduate advisor or University Admissions for minimum GPA requirements.

Transfer Students:

Proficiency with the C programming language is expected in 200-and 300-level Applied Computer Science courses and usually obtained by completing ACS 168 and 169, or ACS 275.

HONORS IN APPLIED COMPUTER SCIENCE

The Department offers honors work in all programs to highly qualified juniors and seniors. Candidates must have a 3.3 overall GPA and a 3.5 GPA in Applied Computer Science. Honors requirements involve honors course work and the preparation of a substantial research paper or the completion of a significant application project prepared under the guidance of a faculty advisor. For further information contact the Director of Honors.

PROFESSIONAL PRACTICE

Each degree program requires a practical experience that may be satisfied by a directed project or an internship. An internship experience is the usual way for students to satisfy this requirement. ACS 191 (1 hr) is required and prepares students for fulfilling this requirement. It is recommended that ACS 191 be taken by the sophomore year.

Three hours of ACS 391/398 are counted toward the major requirements for the practical experience; however, the hours in 398 alone do not satisfy the practical experience requirement. If ACS 398, Internship, is elected, the student must register for at least 6 hours. Each directed project or internship requires the prior approval of the Applied Computer Science Coordinator of Professional Practice.

The 3 hours of Professional Practice credit counted toward the major will be graded. Additional Professional Practice credit will be earned on a CR/NC basis. A maximum of 16 hours of Professional Practice credit (ACS 391, 398) may be applied toward graduation. A student may not register for ACS 398 during the last semester of their studies.

MINOR IN COGNITIVE SCIENCE

The Department of Applied Computer Science participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Programs in this *Undergraduate Catalog*.

INFORMATION SYSTEMS PROGRAMS

Degree Offered: B.S.

MAJOR IN INFORMATION SYSTEMS

The Information Systems (IS) Major is designed to prepare professionals in Information Systems including such areas as systems analysis and design and software engineering. This degree focuses on the use of computer technology and information management methods to solve business problems. This requires an understanding of both the organizational context of the problem and the technologies, methodologies, and tools typically utilized. There are two sequences within this program: the Systems Development/Analyst Sequence and the Systems Development/LAN Support Sequence.

Minor or Second Major:

A minor or second major in another department must be completed for the IS degree. Recommended areas are Accounting, Business Administration, Communication, Economics, and Insurance. Depending on the area selected there may be overlap of minor courses with the IS supporting requirements listed. Therefore, the number of hours taken solely to complete a minor can vary.

Those students who choose a minor in the College of Business (usually 21-25 hours) should be aware that there are limits on the number of hours that can be taken in the College of Business. For more information contact a College of Business advisor.

Preparation for Graduate Study:

The Information Systems major offers excellent preparation for a number of computer and management information systems master's programs. Students interested in an MBA program should combine this major with a Business Administration minor. Any student interested in graduate school should discuss options with faculty and an academic advisor during their junior year.

Systems Development/Analyst Sequence:

The Systems Development/Analyst Sequence is designed for the student who will seek a position as an Information Systems professional developing business oriented information systems. This sequence provides depth in analysis and design techniques along with electives in emerging technologies.

Applied Computer Science courses (40 hrs):

Applied Computer Science core (16 hrs):

- ACS 160, 168, 169, 254, 261.

Practical Experience (4 hrs):

- ACS 191.

- 1 of: ACS 398, 391.

Other ACS course requirements (20 hrs):

- ACS 272, 363, 372, 378.

- 2 of: ACS 341, 346, 352, 365, 367, 368, 375, 376

Supporting requirements (30-31 hrs):

Mathematics and Statistics (11-12 hrs):

- MAT 120 or 145, 160.

- 1 statistics course, e.g. MQM 100;

ECO/GEO/POS/PSY 138; PSY 240.

Communication and Organization (19 hrs):

- COM 110, 223; ACC 131; ECO 105; MQM 220.

- 1 of: MQM 240; ENG 249.

Systems Development/LAN Support Sequence:

The Systems Development/LAN Support Sequence is designed to give students a background for developing information systems in a networking environment. This sequence provides depth in networking.

Applied Computer Science courses (39-40 hrs):

Applied Computer Science core (16 hrs):

- ACS 160, 168, 169, 254, 261.

Practical Experience (4 hrs):

- ACS 191.

- 1 of: ACS 398, 391.

Other ACS course requirements (19-20 hrs):

- ACS 272, 372, 375, 377.

- 1 of: ACS 378, 363.

- 1 of: ACS 355, 383.

Supporting requirements (30-31 hrs):**Mathematics and Statistics (11-12 hrs):**

- MAT 120 or 145, 160.
- 1 statistics course, e.g. MQM 100;
- ECO/GEO/POS/PSY 138; PSY 240.

Communication and Organization (19 hrs):

- COM 110, 223; ACC 131; ECO 105; MQM 220.
- 1 of: MQM 240; ENG 249.

MINOR IN INFORMATION SYSTEMS

The Information Systems Minor is designed for people who will use computers as tools in their chosen profession or provide limited computer support for their work group, but not be computing professionals. The Application Development Concentration is a general information systems minor requiring the ACS core plus two elective courses. The Information Specialist Concentration emphasizes using appropriate software tools rather than programming as a means of obtaining information.

Minor (22 hrs):**Required core (10 hrs):**

- ACS 160, 168, 261.

Concentration (12 hrs):**Application Development:**

- ACS 169, 254.
- 1 of: ACS 341, 352, 355, 363, 367, 368, 375, 378.
- 1 additional ACS 200 or 300-level course (at least 3 hrs).

Information Specialist:

- ACS 208, 251, 306.
- 1 of: ACS 341, 352, 363, 367, 368, 378, 169.

Applied Computer Science Programs

Degree Offered: B.S.

MAJOR IN APPLIED COMPUTER SCIENCE

This degree is designed for students who wish to pursue a comprehensive study of computer science that blends theory, abstraction, and design in a variety of traditional and current areas. Graduates will be prepared to work for a variety of companies including those that have a scientific, engineering, or mathematical focus. It would also prepare students to pursue graduate studies in Computer Science.

Applied Computer Science courses (44 hrs):**Applied Computer Science core (16 hrs):**

- ACS 160, 168, 169, 254, 261.

Professional Practice (4 hrs):

- ACS 191.
- 1 of: ACS 398, 391.

Other ACS course requirements (24 hrs):

- ACS 279, 325, 327, 383.
- 1 or 2 of: ACS 326, 328, 340, 356, 386.
- 1 or 2 of: ACS 341, 375, 385, 388.
- None or 1 of: ACS 276, 352, 367, 378.

Supporting requirements (38-43 hrs):**Mathematics and Statistics (15-16 hrs):**

- MAT 145, 146.
- 1 of: MAT 160, 260.
- 1 of: MQM 100; PSY 240; MAT 350.

Communication (9 hrs):

- COM 110, 223; ENG 249.

Science (14-18 hrs):

- 1 pair of: CHE 140, 141; or PHY 110, 111.
- 2 additional courses from: BSC 196, 197; CHE 140, 141, PHY 101, 110, 111, 112, 375.

The Applied Computer Science program does not require a minor but does require 38 to 43 hours in the supporting areas of mathematics, science, communication and organization.

Preparation for Graduate Study:

The Applied Computer Science major should be elected by those students interested in traditional Computer Science graduate programs. Any student interested in graduate school should discuss options with faculty and an academic advisor during the junior year.

MINOR IN APPLIED COMPUTER SCIENCE

This minor provides a solid foundation for using the computer as a tool in any discipline and may be of particular interest to majors in mathematics or the natural sciences. It provides an opportunity for students to gain knowledge in a specialized area such as graphics, parallel processing, or artificial intelligence.

Minor (22 hrs):**Required core (10 hrs):**

- ACS 160, 168, 261.

Concentration (12 hrs):

- ACS 169, 254, 279.
- 1 of: ACS 327, 328, 340, 341, 352, 356, 388.

Telecommunications Management Programs

Degree Offered: B.S.

MAJOR IN TELECOMMUNICATIONS MANAGEMENT

Telecommunications Management is concerned with information systems, telecommunications technology, computer technology, business practices, policy issues, and psychological/social considerations involved in voice, data, image, and facsimile transmission. This multidisciplinary program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained. Graduates will possess an in-depth technical understanding of computer networks and telecommunication systems as well as an appreciation of the economic and public policy issues that are important in the design and development of local and wide area networks, and national and multinational telecommunication systems.

Major courses (54 hrs):**Applied Computer Science core (16 hrs):**

- ACS 160, 168, 169, 254, 261.

Professional Practice (4 hrs):

- ACS 191.
- 1 of: ACS 398, 391.

Telecommunications Technology (21 hrs):

- ACS 375, 377, 379.
- IT 143, 383.
- 2 of: ACS 355, 374, 378, 383.

Economic, Legal, Public Policy (13 hrs):

- ECO 105, 235.
- 1 of: FIL 311, 312; POS 318.
- 1 of: MQM 221; PSY 230, 376.

Supporting requirements (29-30 hrs):**Mathematics and Statistics (11-12 hrs):**

- MAT 120 or 145, 160.
- 1 of: MQM 100; ECO/GEO/POS/PSY 138.

Communication and Organization (15 hrs):

— 1 of: ENG 249; MQM 240.

— ACC 131; COM 223; FIL 208; MQM 220.

Ethics (3 hrs):

— PHI 234.

Applied Computer Science Courses

Some Applied Computer Science courses may not be offered every year. Contact the Applied Computer Science Department advisor for the current schedule of offerings.

115 REASONING ABOUT COMPLEX SYSTEMS MC-QR 3 F,S
IDS 100; MAT 111, 120, or 145 req. May not be taken under the CT/NC option.

Systems theory applied to complex systems. Design, construction, uses, and analysis of simulations for complex systems.

140 INTRODUCTION TO THE COMPUTER WORLD 3 F,S
Not for cr ACS maj/min.

A nontechnical course designed to develop effective computer users and to acquaint the students with the impact of computers on the person and society. Internet experience. No previous computer experience or mathematics requirements necessary.

150 USING MICROCOMPUTER PRODUCTIVITY TOOLS 3 F,S
Not for cr if had BTE 125. Not for cr ACS maj/min. Lecture and lab.

Introduction to typical microcomputer-based productivity tools such as word processing, spreadsheets, databases, and presentation graphics.

155.01 INTRODUCTION TO MICROCOMPUTERS 3 F,S
Not for cr ACS maj/min, or if had 155.02 or 254. Lecture and lab.

Introduction to microcomputers and programming, with general and business applications emphasized. Visual basic programming; comparative analysis of microcomputer systems.

155.02 INTRODUCTION TO MICROCOMPUTERS 3 F,S
Not for cr ACS maj/min, or if had 155.01 or 254. Lecture and lab. Materials charge optional.

Introduction to microcomputers and programming, with scientific and technical applications emphasized. BASIC and machine language programming including I/O, elementary files, application software, and hardware and software evaluation.

160 FOUNDATIONS OF APPLIED COMPUTER SCIENCE 3 F,S
Rec as the first course in the ACS maj. Formerly INTRODUCTION TO APPLIED COMPUTER SCIENCE.

Concepts of computer-based systems; computer hardware, software, and organizational environments; system categories, delivery modes; systems development methods; career opportunities, responsibilities.

165 COMPUTER PROGRAMMING FOR SCIENTISTS 4 S
C or better in MAT 145 req. Not for cr ACS maj/min. Lecture and lab.

Introduction to computer programming emphasizing numerical algorithms for scientific applications. Problem analysis and operating system concepts included. Programs developed in FORTRAN.

168 STRUCTURED PROBLEM-SOLVING USING THE COMPUTER 4 F,S
MAT 104 or high school equiv req. Rec as 1 of the first courses in the ACS maj. Lecture and lab.

Introduction to the development of algorithms for computer systems processing. Emphasis on structured problem solving and the design of problem solutions.

169 COMPUTER APPLICATION DEVELOPMENT 3 F,S
C or better in ACS 160 and 168 or cons dept advisor req. Not for cr if had ACS 275.

The design, development, and implementation of computer application systems, including file and data structures.

191 INTRODUCTION TO ACS PROFESSIONAL PRACTICE 1 F,S
C or better in ACS 160 and 168 req. Maj only.

Researching available positions, interpreting job descriptions, interview skills, preparing a resume, benefits of a Professional Practice experience.

208 INFORMATION AND DATABASE ACCESS 3 F
C or better in ACS 150, 155, or 160 req.

Techniques for retrieving, displaying and reporting data from databases; importing data to/from other software tools; creating simple databases.

214 SOCIAL, LEGAL, AND ETHICAL ISSUES IN INFORMATION TECHNOLOGY OC-DKCC/SMT 3 F,S
Inner Core req. MC-IS category req.

Study of personal, societal, legal, and ethical issues raised by the effects of information technology.

251 USING HARDWARE AND SOFTWARE ENVIRONMENTS 3 S
C or better in ACS 160 and either ACS 168 or 155 req. Not for cr if had ACS 254.

How to effectively use workstation computing environments; network concepts and use; managing hardware and software resources.

254 HARDWARE AND SOFTWARE CONCEPTS 3 F,S
C or better in ACS 160 and ACS 168 req. Maj/min only or cons dept advisor req.

Overview of nature and interrelationships of computer architectures, hardware, operating systems, data types, programming languages, application development facilities, networks, communications.

261 SYSTEMS DEVELOPMENT I 3 F,S
C or better in ACS (169 and conc enr in 254) or (160, 168, and 1 of 208, 251) req. Maj/min only or cons dept advisor req.

Information systems development, development methodologies, analysis and design techniques and tools, relational database concepts.

272 COBOL AS A SECOND LANGUAGE 4 F,S
C or better in ACS 169 req. Not for cr if had ACC 366. Maj/min only or cons dept advisor req.

COBOL language for students with substantial programming experience in another language. Emphasizes structured problem-solving and programming.

- 275 C AS A SECOND LANGUAGE** 4 F,S
Not for cr if had ACS 169. 2-sem seq in a high-level programming language req. Maj/min only or cons dept advisor req.

Intensive study of the C programming language for students with previous programming experience.

- 279 ALGORITHMS AND DATA STRUCTURES** 3 F
C or better in ACS 169 req. C or better in MAT 160 or 260 req. Maj/min only or cons dept advisor req.

Data structures, algorithms, mathematical foundations of computer science. Topics include lists, trees, graphs, sorting, searching, correctness, computational complexity, parallel algorithms.

- 306 BUILDING APPLICATIONS SYSTEMS** 3 S
C or better in ACS 261 req. Also offered as ACC 368, DEVELOPING BUSINESS FUNCTION-BASED SYSTEMS. Maj/min only or cons dept advisor req.

Creating applications using end user development tools; prototyping; human/software interface design; end user development issues.

- 325 COMPUTER ORGANIZATION** 3 F
C or better in ACS 169 and 254 req. Maj/min only or cons dept advisor req.

Hardware and software topics in computer organization: instructions, modalities, control units, memories, data paths, uniprocessors, and multiprocessors.

- 326 PRINCIPLES OF SOFTWARE ENGINEERING** 3 S
C or better in ACS 169 and 261 req. Offered alternate years. Maj/min only or cons dept advisor req.

Fundamentals of software engineering. topics include specification models, metrics, design fundamentals, interface design, quality assurance, and automated tools.

- 327 CONCEPTS OF PROGRAMMING LANGUAGES** 3 S
C or better in ACS 169 req. Maj/min only or cons dept advisor req.

Survey of pragmatic, syntactic and semantic structure of programming languages. Procedural, logic-oriented, object-oriented and other contemporary languages included.

- 328 INTRODUCTION TO THE THEORY OF COMPUTATION** 3
C or better in ACS 279 req. Offered alternate years. Maj/min only or cons dept advisor req.

Basic concepts in computing theory. Topics include recursive definitions, regular expressions, transition graphs, automata, nondeterminism, grammars, parsing, decidability, Turing machines.

- 340 INTRODUCTION TO ARTIFICIAL INTELLIGENCE** 3 S
Conc reg in ACS 279 req. Offered alternate years. Maj/min only or cons dept advisor req.

Introduction to concepts in artificial intelligence, including: knowledge representation, heuristic search, neural networks, planning algorithms, natural language, and machine learning.

- 341 OBJECT-ORIENTED SYSTEM DEVELOPMENT** 3 S
C or better in ACS 169 and 261 req. Maj/min only or cons dept advisor req.

Main concepts of object-oriented technology and a comprehensive methodology for system development. Object-oriented analysis, design, and implementation including object-oriented databases.

- 346 KNOWLEDGE ENGINEERING** 3 S
C or better in ACS 261 req. Offered alternate years. Maj/min only or cons dept advisor req.

In-depth study of knowledge-based systems and the knowledge engineering process; use of expert systems tools to construct applications.

- 352 MULTIMEDIA TECHNOLOGY APPLICATIONS** 3 F
C or better in ACS 261 req. Maj/min only or cons dept advisor req.

Practical principles, methods, and tools for the design and development of multimedia applications; authoring languages; multimedia technology hardware and trends.

- 355 MICROCOMPUTER APPLICATION AND DESIGN** 3 F,S
C or better in ACS 169 and 254 req. Maj/min only or cons dept advisor req.

Microcomputer applications with an emphasis on basic microcomputer architecture, interfacing peripherals, system level programming, and system software design.

- 356 INTRODUCTION TO COMPUTER GRAPHICS** 3 F
Conc reg in ACS 279 req. Offered alternate years. Maj/min only or cons dept advisor req.

Graphics Systems: hardware, software, people. 2-D and 3-D Algorithms: lines, curves, polygons, surfaces, transformations. Applications: presentation graphics, packages.

- 363 SYSTEMS DEVELOPMENT II** 4 F,S
C or better in ACS 261 req. C or better in COM 223 req. Maj/min only or cons dept advisor req.

Emphasis on Analysis and Design techniques and tools, Project communication, Systems development methodologies, Interface design. Systems Development team project.

- 365 SYSTEMS DEVELOPMENT TOOLS AND ISSUES** 3 F
C or better in ACS 261 req. Maj/min only or cons dept advisor req.

Modern systems development tools, implementation issues related to modern tools, techniques, and methodologies; emerging type of systems being developed.

- 367 DESIGNING THE USER INTERFACE** 3 S
C or better in ACS 261 req. Maj/min only or cons dept advisor req.

Human factors issues in developing information systems: task analysis, user interface design guidelines, psychological principles, prototyping interfaces, and user evaluation.

- 368 TOPICS IN SYSTEMS DESIGN** 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Maj/min only or cons dept advisor req.

Advanced topics in systems analysis, design, and development.

- 372 EXTERNAL DATA STRUCTURES** 3 F,S
C or better in ACS 254 and 272 req. Maj/min only or cons dept advisor req.

External file design, VSAM, IBM utilities and sort/merge, basic concepts of IBM/MVS operating systems, and extensive study of JCL.

- 374 TOPICS IN TELECOMMUNICATIONS** 3 F
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Maj/min only or cons dept advisor req.

In-depth study of a topic in telecommunications such as emerging technologies, network administration, network management architectures, and wireless communications.

- 375 DATA COMMUNICATIONS** 3 F,S
C or better in ACS 169 and 254 req. Formerly INTRODUCTION TO DATA COMMUNICATION. Maj/min only or cons dept advisor req.

Hardware and software used in data communications and networking. Network types, architectures, protocols and standards. Local area and packet networks.

- 376 INTRODUCTION TO ONLINE SYSTEMS** 3
C or better in ACS 261 and 372 req. Maj/min only or cons dept advisor req.

Design, development, and implementation of online system applications using CICS with studies in data communications concepts, hardware/software, man-machine interaction, networking, and distributed processing.

- 377 PRACTICAL TELECOMMUNICATIONS NETWORKING** 3 F,S
C or better in ACS 375 req. Maj/min only or cons dept advisor req.

Design, configure, operate and use local area networks, network applications, and wide area network concepts. Emphasizes hands-on use of a network operating system.

- 378 DATABASE PROCESSING** 3 F,S
C or better in ACS 261 req. Maj/min only or cons dept advisor req.

Database concepts, emphasis on relational databases, SQL, data modeling, database design, DBMS functions, database application programming, current trends, design project.

- 379 TELECOMMUNICATIONS NETWORK OPERATIONS AND MANAGEMENT** 3 S
C or better in ACS 377; ECO 235; IT 383; MQM 220 req. Maj/min only or cons dept advisor req.

Overview of process of operating and managing large scale telecommunications networks; capstone course for Telecommunications Management major.

- 383 PRINCIPLES OF OPERATING SYSTEMS** 3 S
C or better in ACS 169 and 254 req. Maj/min only or cons dept advisor req.

Functional criteria for operating system design. Job management, task management, data management, resource allocation and dump and trace facilities.

- 385 TOPICS IN COMPUTER SCIENCE** 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Offered alternate years. Maj/min only or cons dept advisor req.

In-depth study of a topic such as compiler design, artificial intelligence, programming language and digital logic design.

- 386 ANALYSIS OF ALGORITHMS** 3
C or better in ACS 279 and MAT 145 and either MQM 100; MAT 350; or PSY 240 req. Offered alternate years.

Study of formal techniques for analyzing the efficiency of both serial and parallel algorithms.

- 388 INTRODUCTION TO PARALLEL PROCESSING** 3 F
C or better in ACS 254. Conc reg in ACS 279 req. Offered alternate years. Maj/min only or cons dept advisor req.

Study of parallel processors and their software environments. Students will write programs for several parallel computers.

- 391 DIRECTED PROJECT IN APPLIED COMPUTER SCIENCE** 1-6 F,S
Sr standing and C or better in 191 and 377 or 378 or 383 req. By application and prior approval of ACS Prof Pract Coord only. Maj only. May be repeated; max 16 hrs combined cr in ACS 298, 391 and 398.

Team design and/or implementation of a modest-sized computer-based system in a live environment under faculty supervision.

- 398 PROFESSIONAL PRACTICE: IN APPLIED COMPUTER SCIENCE** 1-6 F,S
C or better in 191 req. By application and prior approval of ACS Prof Pract Coord only. Maj only. Max 16 hrs cr in Prof Pract.

- 398.50 PROFESSIONAL PRACTICE: COOP I IN APPLIED COMPUTER SCIENCE**
Max 3 hrs. Maj only.

- 398.60 PROFESSIONAL PRACTICE: COOP II IN APPLIED COMPUTER SCIENCE**
CR/NC basis only. May be repeated. Conc reg in ACS 398.50. Maj only.

CRIMINAL JUSTICE SCIENCES (CJS) 525

401 Schroeder Hall, (309) 438-7626

Chairperson: Thomas Ellsworth.
Tenured/Tenure-track Faculty:
Distinguished Professor: Weisheit.
Professors: Ellsworth, Fleisher, Morn, Smith, Wells.
Associate Professors: Cox, Falcone, Kethineni.
Assistant Professor: Henderson, Hurley, Klosky, Krienert.

General Department Information

The purpose of the Criminal Justice Sciences program is to provide the student with a system orientation to the field of Criminal Justice. Study in Criminal Justice involves the application of the principles of Criminal Justice and the related behavioral and social sciences to problems and issues in the field of Criminal Justice. The program focuses on the building of knowledge in the areas of law enforcement, courts, and corrections from a social science perspective. Students develop a knowledge base for an in-depth understanding of human behavior and the kinds of problems and circumstances that often result in criminality. Finally, the program provides students with the opportunity to gain necessary skills in the area of interviewing, program development, community organization, planning and research to function in a professional position in the field of Criminal Justice.

Admission of New Students into the Criminal Justice Sciences Major:

- a. Incoming freshmen will be classified as Criminal Justice majors at their request if they have an ACT of 20 and they are in the second quarter of their graduating class, or in the top quarter with an ACT of 19.
- b. Transfer students will be classified as Criminal Justice majors if they have a transfer GPA of 2.4.

Admission of Continuing Students into the Criminal Justice Sciences Major:

- a. Students must make formal application to the major by placing themselves on the departmental waiting list.
- b. In order to be admitted into the Criminal Justice Major students must be in academic good standing at Illinois State University, all incomplete grades need to be cleared, and the following courses must be completed: ENG 101, 145; CJS 101; SOC 106; and PSY 110 or 111. Grades for these five (5) courses must be a minimum of two (2) Bs and three (3) Cs. No Ds or Fs will be accepted. (If you want a Criminal Justice Sciences Major you must *repeat* any course with less than a C).
- c. A student who enters the University through the Adult Learner program must complete at least 12 hours at Illinois State University and have completed courses as stipulated in "b" above before admission to the Criminal Justice program will be made.
- d. A student who returns to the University in the New Start program as a Continuing Student will be admitted to the Criminal Justice Sciences Major when he/she has completed the requirements and courses as stipulated in "b" above.

The Department of Criminal Justice Sciences reserves the right to maintain a balanced enrollment.

- a. This may restrict the numbers of freshmen, transfer students, and continuing students who wish to be Criminal Justice Sciences majors.
- b. Most Criminal Justice Sciences courses are restricted to Criminal Justice Science majors.

Retention Requirements:

Criminal Justice Sciences majors must maintain a cumulative GPA of at least 2.4 every semester. If, at any given time, a student's GPA falls below a 2.4 that student may be removed from the major and reclassified as a General Student. After a student is reclassified as a General Student, all rights as a major are forfeited, including the right to be eligible to do the Criminal Justice Sciences internship.

Students who have been reclassified must meet regular admission requirements to be eligible for readmission to the major.

HONORS IN CRIMINAL JUSTICE SCIENCES

The Department offers honors study in Criminal Justice Sciences to highly qualified students who will pursue an individualized program of study. The Honors Program enables the superior student to focus on topics of the student's own choosing in close consultation with a Criminal Justice Sciences Department faculty member. In order to qualify, the student must have achieved a GPA of 3.30 or better, both overall and in the major. The student must complete:

1. at least 3 hours credit of in-course honors;
2. at least 3 hours credit in CJS 299—Independent Honors Study or Honors-Undergraduate Research (IDS 285 or 286) in the Criminal Justice Sciences Department; and
3. an additional 3 hours of in-course honors, honors independent study or honors-undergraduate research, equivalent with a grade of B or better.

Students interested in participating in the Honors Program should inquire about admission in the Office of the Department of Criminal Justice Sciences.

Criminal Justice Sciences Programs

Degrees Offered: B.A., B.S.

MAJOR IN CRIMINAL JUSTICE SCIENCES

- 55 hours required.
- Required courses: CJS 101, 200, 201, 207, 300, 304, 395, 398.01* (6 hrs), 398.02* (6 hrs).
- 22 hours of electives selected with the approval of an academic advisor. A minimum of 12 hours must be selected from Illinois State University Department of Criminal Justice Sciences course offerings. The remaining electives must be taken from the list of recommended courses from other departments at Illinois State University, additional Criminal Justice Sciences courses, or may be appropriate transfer credit. Electives in other departments: FOR 111, 112, 115, 116 (max 8 hrs); FIL 208; MQM 220, 221; POS 201, 215, 231, 330, 331; PSY 131, 232, 302, 350; SOC 131, 263, 264, 365, 367; SED 362. Students who major in Criminal Justice Sciences must complete the following courses or equivalents: ENG 145; PSY 110 or 111; SOC 106.

*Students seeking enrollment in CJS 398.01 and 398.02 must complete necessary paperwork for application to the internship which will be received during mandatory meetings set by the Internship Coordinator. To be eligible, the student must have: 1) completed 90 semester hours, 2) an overall and major GPA of 2.4 at the time referrals are made, and 3) completed all required courses including SOC 106; PSY 110 or 111; and ENG 145. Students who have completed accredited corrections and/or police training may substitute this training for a portion of the internship with departmental approval. Students eligible for an internship will, with the assistance of the internship coordinator, choose an agency from a list of approved agencies. Students may also participate in out-of-state internships.

MINOR IN CRIMINAL JUSTICE SCIENCES

- 21 hours required.
- Required courses: CJS 101, 200, 201, 207, 304.
- 6 hours of electives selected, with the approval of an academic advisor, from the Department of Criminal Justice Sciences course offerings.
- **NOTE:** Space in Criminal Justice Sciences courses is limited for non-majors.

Criminal Justice Sciences Courses

101 INTRODUCTION TO CRIMINAL JUSTICE SCIENCES 3 F,S,Summer

An analysis of the criminal justice system focusing on the police, courts, and corrections.

102 INDIVIDUALS, SOCIETY, AND JUSTICE MC-ICL 3 F,S IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Not for cr maj/min.

Explores justice, law, and civic life from historical, comparative, social science, and contemporary cultural perspectives.

200 CONTEMPORARY CORRECTIONS 3 F,S,Summer CJS 101 req. Maj/min only or cons dept advisor.

Familiarizes students with correctional alternatives as they currently exist. Controversies and emerging trends in corrections will be considered.

201 CRIME AND BEHAVIOR 3 F,S,Summer CJS 101; SOC 106; PSY 110 or 111 req. Maj/min only or cons dept advisor.

Theoretical and conceptual explanations of criminal behavior.

206 FUNDAMENTALS OF CRIMINAL INVESTIGATION 3 CJS 101 req. Maj/min only or cons dept advisor.

An intensive analysis of the criminal investigation process including information gathering and analysis, preservation of evidence, legal issues, and investigative strategies.

207 CONTEMPORARY POLICING IN AMERICA 3 F,S,Summer CJS 101 req. Maj/min only or cons dept advisor.

Survey of law enforcement, its history, police practices, functions, and related issues and concepts of contemporary police.

212 COMMUNITY CORRECTIONS 3 CJS 101 and ENG 145 req; CJS 200 rec. Maj/min only. Formerly COMMUNITY-BASED CORRECTIONS.

Theoretical basis, current methodology, and operations: court counselors, citizen action, half-way houses, work-release, drug abuse treatment, detention, reception and diagnostic centers, and probation and parole.

215 JUVENILE JUSTICE 3 CJS 101 req. Maj/min only or cons dept advisor.

The processing and treatment of juvenile offenders. Examines the organization, operation, and goals of the individuals, agencies, and institutions that work with youthful offenders.

240 HISTORY OF CRIMINAL JUSTICE 3 Crime and the American criminal justice system from the colonial period until the mid-20th century.

298.50 PROFESSIONAL PRACTICE: COOPERATIVE EDUCATION IN CRIMINAL JUSTICE 1 F,S,Summer Soph/jr standing; prior dept approval req. CJS maj only. Enrollment limited, based on availability of sites. May be repeated once.

Paid, supervised experiences in local, state, and federal criminal justice agencies.

300 EVALUATIVE RESEARCH OF PROGRAMS IN CRIMINAL JUSTICE 3 F,S Jr standing (60 hrs completed). CJS 101 req. Maj only or cons dept advisor.

Analyzing research in criminal justice and systematically evaluating the process and outcome of programs in the field.

304 CRIMINAL LAW 3 F,S Jr standing (60 hrs completed). CJS 101 rec. Maj/min only or cons dept advisor.

Survey of criminal law, including development of substantive criminal law. Examination of judicial opinions related to the criminal justice process.

305 RULES OF EVIDENCE FOR THE ADMINISTRATION OF JUSTICE 3 Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor.

Types of evidence, standards of proof, and legal requirements relating to the admissibility of evidence in court.

310 CORRECTIONAL INSTITUTIONS 3 Jr standing (60 hrs completed). CJS 101, 200 or cons dept advisor req. CJS maj only.

An intensive analysis of correctional institutions and jails focusing on management issues, inmate subcultures, and prisonization.

322 COMMUNICATION SKILLS IN CRIMINAL JUSTICE 3 F,S,Summer Jr standing (60 hrs completed). CJS 201 conc reg req or cons inst req. Formerly CORRECTIONAL COUNSELING.

Development of interpersonal communication, interviewing and decision-making skills for intervention with criminal justice clients.

338 ALCOHOL, DRUGS, AND CRIME 3 Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.

Analysis of the impact of alcohol and drugs on crime and the criminal justice system.

339 WOMEN IN CRIMINAL JUSTICE 3 Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.

Historical and theoretical perspectives and contemporary trends concerning women and crime and processing of women by the criminal justice system.

340 ORGANIZED AND WHITE COLLAR CRIME 3 Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.

Analysis of organized and white collar crime problem in America. Topics include prevalence, impact, laws, and investigative techniques.

360 ISSUES IN CRIMINAL JUSTICE 1-4 Jr standing (60 hrs completed). Maj/min only or cons dept advisor. May be repeated once; max 6 hrs if content different.

A critical and analytical study of a contemporary issue or controversy in the field of criminal justice.

- 369 WORLD CRIMINAL JUSTICE SYSTEMS** 3
Jr standing (60 hrs completed). CJS 101 or cons dept advisor req.

Analysis of crime and criminal justice systems of selected countries. Emphasis on England, France, Sweden, Japan, and Russia.

- 395 CRIMINAL JUSTICE ADMINISTRATION** 3-4 F,S
Jr standing (60 hrs completed). CJS 101, 200, 201, 207, 300 and 304; cons dept advisor. CJS maj only.

Aspects of organizational behavior in criminal justice agencies will be considered to enable the student to better understand on-the-job experiences.

- 398.01 PROFESSIONAL PRACTICE: CRIMINAL JUSTICE INTERNSHIP I** 6 F,S,Summer
CJS 395 and cons dept advisor req. CJS maj only. See CJS maj req for enrollment limitations.

Field placement in a criminal justice related agency. Interns work with designated agency personnel and receive an overview of agency functions.

- 398.02 PROFESSIONAL PRACTICE: CRIMINAL JUSTICE INTERNSHIP II** 6 F,S,Summer
CJS 395, 398.01 and cons dept advisor req. CJS maj only. See CJS maj req for enrollment limitations.

Intensive experience in a single criminal justice agency setting.

FAMILY AND CONSUMER SCIENCES (FCS) 506

144 Turner Hall, (309) 438-2517

Chairperson: Jan M. Shane.

Tenured/Tenure-track Faculty:

Professors: Canabal, Gentry, Ley, Lupo, Shane.

Associate Professors: Garner, Kern, Memken, Nnakwe, Power, Winchip.

Assistant Professors: Cullen, Dyar, Hayden, Stemm, Wilson.

General Department Information

Family and Consumer Sciences is a profession committed to improving the quality of life for individuals and families. The mission of the department is to provide integrative study of the human environment and systems that impact and strengthen individuals, family units, agencies, businesses, and the community at large.

Family and Consumer Sciences is a broad field of study that provides opportunity for specialization in challenging careers. The faculty seek to prepare men and women to enter professions concerned with enhancing the quality of life for individuals, families and communities, and the environment in which they function. Academic preparation involves the integration and application of knowledge and skills gained from family and consumer science courses as well as courses in a variety of other disciplines.

The Department serves undergraduate and graduate majors specializing in fields such as interior design, child development, family life education, consumer services, nutrition and dietetics, apparel merchandising, and family and consumer sciences teacher education.

HONORS IN FAMILY AND CONSUMER SCIENCES

The Department offers honors work in each Family and Consumer Sciences sequence to highly qualified juniors and seniors. Candidates must be full-time students, declared Family and Consumer Sciences majors, and have an overall 3.3 GPA and 3.5 GPA in Family and Consumer Sciences. Honors requirements include completion of 3 in-course honors at the 200-level or above (at least 2 must be taken in the Department), and a minimum of 3 hours in FCS 299 culminating in a substantial research paper. The Department also offers in-course honors work in all courses for students enrolled in the University Honors Program or in any departmental honors program. In-course honors work is offered at the discretion of the instructor. For further information contact the departmental advisor.

Family and Consumer Sciences Programs

Degrees Offered: B.A., B.S.

MAJOR IN FAMILY AND CONSUMER SCIENCES

Apparel, Merchandising, and Design Sequence:

The Apparel Merchandising and Design Sequence prepares students for careers as fashion marketer, retail manager, fashion buyer, private label developer, visual merchandiser, merchandiser, technical pattern-maker, apparel designer, quality assurance supervisor, and purchasing agent.

- 62-63 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 51-52-hour sequence: FCS 122, 225, 226, 228, 321 (formerly 322), 323, 327, 328, 329, 361, 368, 369, 371, 398 (3 hrs) or 365; ECO 103 or 105; MKT 230; MQM 220.
- For students interested in Fashion Merchandising, a Business Administration or Communication minor is recommended; for students interested in Apparel Design, an Art minor is recommended; for students interested in Apparel Product Development, a minor in Business Administration or Industrial Technology is recommended.
- A travel study for credit to Paris and London is available annually.

Food, Nutrition and Dietetics Sequence:

Career opportunities in the broad field of food, nutrition and dietetics are quite varied and employment exists throughout the areas of healthcare, food service, education and research. Employment opportunities include: clinical or foodservice dietitian in a healthcare organization, food service manager for a company, nutrition consultant for a physician practice, community nutritionist, nutrition and health writer, food and nutrition product sales and marketing, corporate wellness, food promotion for a grocery store, school foodservice and others.

- 66-67 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- The following General Education courses must be taken: Inner Core—CHE 110 and 112; Outer Core: BSC 160.

- 55-56-hour sequence: FCS 102, 113, 213, 311, 312, 316, 317, 318, 319, 398 (3 hrs); HPR 182; MQM 220; PSY 110 or 111, 215; CHE 220, 242; ECO 103 or 105; BSC 160.
- This program provides the first step for students wanting to become a registered dietitian (R.D.). Students must apply for an ADA-approved dietetic internship after graduation, and then successfully complete the registration examination to be an R.D. An American Dietetic Association Verification Statement of DPD Program Completion will be given to students completing this sequence. This official statement is required for graduates to begin an ADA-approved dietetic internship after acceptance, and for other professional applications requiring verification of DPD Program completion.

Human Development and Family Resources Sequence:

The Human Development and Family Resources Sequence prepares students for careers such as child care provider or center director; child life specialist in hospital settings; child care resource and referral specialist; family life educator or marriage enrichment provider; extension specialist or youth program director; case worker or manager; elder services coordinator; consumer advocate; consumer relations specialist; product development consultant; or middle, junior, or high school teacher.

- 41-62 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 40-64-hour Sequence: FCS 231, 232, 233, 310, 333 and option A, B, C, or D that follows. **A. Human Development:** FCS 250, 251, 307, 308, 309, 331, 398 (3 hrs); SWK 323; and 12 hours from FCS 111, 212, 224, 305, 306, 314. **B. Family Relationships:** FCS 305, 309, 398 (3 hrs); SWK 323; SED 362, 363; and 15 hours from FCS 111, 212, 330, 331, 394; C&I 312; SOC 106, 123, 211, 212, 262, 311, 341, 342, 365; HSC 390; PSY 111, 302, 303. **C. Consumer Services:** FCS 330, 331, 398 (3 hrs); ECO 105; MKT 230, 231; SED 362, 363. **D. Teacher Education:** FCS 102, 111, 113, 203, 250. Part of the endorsement program leading to certification by the State of Illinois for teaching Family and Consumer Sciences courses grades 6-12. Four endorsements are obtained through required Department core and sequence courses: 1) Child and Day Care Services, 2) Consumer Education and Resource Management, 3) Interpersonal and Family Relationships and Parenting, and 4) Institutional and Home Management. See the Family and Consumer Science advisor for information about courses that count towards additional Family and Consumer Science endorsements. Twenty-four (24) hours Professional Education (see C&I Professional Education Requirements in the *Undergraduate Catalog*), including STT 399. See Teacher Education Admission-Retention program found in University-wide Teacher Education Program Requirements for admission and retention standards. Also see Family and Consumer Sciences Selective Admission-Retention Requirements section of this *Undergraduate Catalog*.

Interior and Environmental Design Sequence:

The Interior and Environmental Design Sequence prepares students for careers in residential design, contract design, space planning, store design, restaurant design, kitchen and bath design, historic preservation and design for special populations.

- 61 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 53-hour sequence: FCS 104, 218, 225, 242, 244, 338, 340, 345, 346, 347, 348, 370, 375, 398 (3 hrs); ART 352, 372; IT 110, 211.
- Possible minors based on individual interests: Industrial Technology, Construction Management, Art or Business.
- Recommended electives: FCS 393.38; IT 322.
- To be licensed in the State of Illinois, students must have a minimum of 2 years professional work experience and pass the National Council for Interior Design Qualification (NCIDQ) Examination. Passage of this exam also qualifies the individual professional membership in interior design organizations such as American Society of Interior Designers (ASID) and International Interior Design Association (IIDA).

MINOR IN FAMILY AND CONSUMER SCIENCES

- 23 hours required in Family and Consumer Sciences.
- 11-hour core: FCS 101, 103, 200, 300.
- 12 additional hours in Family and Consumer Sciences.

Selective Admission-Retention Requirements for the Teacher Education Option in Family and Consumer Sciences

Selective Admission:

All Family and Consumer Sciences Education students planning to become certified teachers must apply for and be admitted to the University's Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission each Family and Consumer Sciences student must have verified the following:

1. A minimum GPA of 2.5 overall and in all Family and Consumer Sciences courses including Professional Education courses.
2. A positive recommendation for Admission to Teacher Education by all Family and Consumer Sciences faculty. See departmental advisor for procedure.
3. An interview with the Family and Consumer Sciences Education Coordinator.

Selective Retention:

In order to receive departmental approval for a student teaching assignment the student must verify the following:

1. Maintain a GPA of 2.5 in all courses and in all Family and Consumer Sciences courses including Professional Education courses.
2. Completion of FCS 200, or the equivalent for transfer students.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Family and Consumer Sciences Courses

101 HUMAN AND FAMILY DEVELOPMENT

3 F,S

Human development throughout the lifespan within the context of the developing family unit.

102 NUTRITION IN THE LIFE SPAN

3 F,S

Nutrients needed by humans. Food choices to meet nutrition needs of individuals and families throughout the life cycle.

103 MANAGEMENT FOR CONSUMERS

3 F,S

Management for individual and family problems in the home and marketplace.

104 ENVIRONMENTAL DESIGN ELEMENTS: STUDIO

3 F

Introduction to design fundamentals and development of perceptual skills, creative awareness, and the technical ability to handle a variety of design media.

106 NUTRITION

2 F,S

Not for cr maj/min

Functions, sources, and recommended amounts of nutrients for various age groups. Evaluation of eating patterns.

111 INTRODUCTION TO THE FAMILY AND CONSUMER SCIENCES EDUCATOR ROLE

2 S

FCS 101 and 103 req. Field trips; 15 clinical hours.

Historical, methodological and philosophical prologue unique to the family and consumer sciences educator role.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY

MC-UST

3 F,S

IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS/SOC 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

113 PRINCIPLES OF FOOD PREPARATION

3 F,S

FCS 102 or 106 req. Materials charge optional.

Scientific principles involved in the preparation of food.

122 APPAREL PRODUCT DEVELOPMENT I

3 F,S

Materials charge optional. Formerly CLOTHING CONSTRUCTION I.

Basic apparel production techniques.

198 PROFESSIONAL PRACTICE

1 Summer

Maj only. 2.0 GPA; 27 hrs; Approved application req. CR/NC only. May be repeated; max 3 hrs.

Exploration of entry-level career opportunities. Observation of professional skills and competencies of practicing home economists.

200 PRACTICAL PROBLEM SOLVING IN FAMILY AND CONSUMER SCIENCES

3 F,S

FCS 101, and 103 req. Formerly FAMILY AND CONSUMER SCIENCES CAREER OPTIONS.

Mission and goals of family and consumer sciences related to the practical reasoning process for problem solving and critical thinking.

203 COMPETENCIES FOR TEACHING

4 S

C or better in C&I 214 or 215 or 216 or PSY 215 (6 hrs), or conc reg req. Field trips req. Adm to Teacher Ed req. Incl Clin Exp: 20 hrs, Type 1 and 10.

Curriculum development, evaluation, teaching strategies, and professionalism for vocational education teachers.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES

OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req. Also offered as HSC/HPR 208.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

212 FAMILY HEALTH AND WELL BEING

3

FCS 101 req. Practicum rotations included.

Relationship of personal decision making, self assessment and behavioral change to optimal wellness for individuals and families.

213 MEAL PLANNING

3 F,S

FCS 113 req. Materials charge optional.

Meal planning based on criteria of nutritive requirements, marketing challenges, and utilization of resources. Preparation and service of meals for small groups.

218 INTERIOR CONSTRUCTION AND BUILDING SYSTEMS

2 S

FCS 242 req. FCS 244 conc reg rec. Field trips. Materials charge optional. Formerly ENERGY SYSTEMS FOR RESIDENTIAL DESIGN.

Evaluation of building infrastructure, including heating/cooling systems, electrical and plumbing conventions, and interior construction, as related to the design process.

222 CULTURAL DIVERSITY

IN DRESS OC-DKCC/SS

3 F,S

Inner Core req. MC-IS category req.

Interdisciplinary, comparative exploration of diverse cultures through dress and adornment.

224 ENDURING ISSUES FOR COUPLES AND FAMILIES

OC-DKCC/SS

3 F,S

Inner Core req. MC-UST category req.

Analysis of persistent and newly emerging issues for couples and families living in the 21st century.

225 TEXTILES 3 F,S*Lecture and lab. Materials charge optional.*

Fundamentals of textile science: fibers, yarns, fabrications, finishes, and dyeing. Selection and care of apparel/home furnishings fabrics. Textile legislation.

226 APPAREL 3 F,S*FCS 101 and 103 req.*

Overview of cultural, socio-psychological and economics of the apparel industry.

228 APPAREL DESIGN 3 S*FCS 122, 226 req. Materials charge optional.*

Application of art principles to apparel creation through computers and hand techniques. Idea development from conception through production to retailing. Style nomenclature emphasized.

231 FAMILY RELATIONSHIPS 3 F,S*FCS 101 req or C&I 281 conc reg rec.*

Functions of productive family units to fulfill individual and group needs. Emphasis on the skills needed by the parent.

232 RESOURCE MANAGEMENT FOR INDIVIDUALS AND FAMILIES 3*FCS 103 req. Formerly ADVANCED HOME MANAGEMENT CONCEPTS.*

Problem solving approach to the use of managerial components and their functional relationships to the complexities of today's living.

233 FAMILY ECONOMIC RESOURCES 3*FCS 103 req.*

Economic description of the family emphasizing the family's financial, physical, and human capital investments over the life cycle.

242 DRAFTING FOR INTERIOR DESIGN 3 F*FCS 104 req. Materials charge optional.*

Introduces students to equipment, media, and techniques for graphic presentation of architectural design.

244 INTERIOR SYSTEMS AND HOUSING 3 S*FCS 104 req. Field trips req.*

Consumer choice of dwelling and the analysis of interior spaces and equipment.

250 DEVELOPMENT AND GUIDANCE OF PRESCHOOL CHILDREN 3 F*FCS 101 req. Incl Clin Exp: 32 hrs. Formerly CHILD DEVELOPMENT AND GUIDANCE.*

Applied child development and guidance of preschool children in early childhood programs. Emphasis on observation, assessment and developmentally appropriate practices.

251 DEVELOPMENT AND GUIDANCE OF INFANTS AND TODDLERS 3 S*FCS 101 req. Incl Clin Exp: 32 hrs.*

Applied child development guidance of infants and toddlers in early childhood programs. Emphasis on observation, assessment and developmentally appropriate practices.

300 LEADERSHIP DEVELOPMENT FOR FAMILY AND CONSUMER SCIENCES PROFESSIONALS 2 S*FCS 200 req. Sr standing. Formerly CONTEMPORARY ISSUES IN FAMILY AND CONSUMER SCIENCES.*

Leadership as a context for examining disciplinary issues and professional preparation while synthesizing knowledge and skills attained throughout the collegiate experience.

305 FAMILIES IN LATER LIFE 3 S*Jr standing req.*

Exploration of family dynamics in later life. Emphasis on developmental tasks, needs and decision-making issues of aging family members.

306 SEMINAR IN CHILD LIFE STUDIES 3 F*FCS 101, and 250 or 251 req. Practicum experience req.*

Application of child development theories and developmentally appropriate practices to children in health care settings.

307 ADVANCED CHILD DEVELOPMENT APPLICATIONS 3 F*FCS 101, 250, 251 req. Incl Clin Exp: 32 hrs. Formerly INFANT AND PRESCHOOL CHILD.*

Application of research in the development and guidance of infants, toddlers and preschool age children as related to family and society.

308 ORGANIZATION AND ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS 3 S*FCS 250 or cons inst req. Incl Clin Exp: 20 hrs, Type 10.*

Administration of early childhood programs and community services responsible for guidance of young children.

309 COUPLE RELATIONSHIPS 3 F*FCS 231 req.*

An interactional approach to the study of intimate male-female pairings: establishing couple relationships and developing effective intimate pairing communication; an overview of marriage enrichment history, programs, practice, theory, and research.

310 FAMILY CRISES 3 S*Jr standing req. Field trips req.*

Cognitive and affective exploration of family crisis: definition, management processes, and professional helping resources.

311 COMMUNITY NUTRITION 3 F*FCS 102 or 106 req.*

Nutritional needs of selected populations vulnerable to inadequate diet; emphasis on U.S. programs designed for groups at nutritional risk.

312 MEDICAL NUTRITION THERAPY 4 S*FCS 317 req. Formerly DIET THERAPY.*

Planning modified diets and studying underlying diseases. Nutritional counseling of individuals and groups.

314 EARLY CHILDHOOD NUTRITION EDUCATION 3 S*Incl Clin Exp.*

Principles of nutrition and current research. Emphasis on the needs of young children. Guidance in implementing a sound nutritional education program.

315 NUTRITION FOR HEALTH AND PHYSICAL FITNESS 3 S*FCS 102 or 106 or cons inst; HPR 182; or BSC 181 and 182 req.*

An advanced course focusing on the physiological and biochemical importance of nutrition to health, physical fitness, and sports.

- 316 FOOD SCIENCE** 3 F
FCS 213; CHE 110 and 112 req. Materials charge optional.

Experimental approach to principles underlying food preparation.

- 317 NUTRITION AND METABOLISM** 4 F
FCS 102; BSC 160; HPR 182 req. CHE 242 conc reg req. Formerly 216, APPLIED NUTRITION.

Physiological and biochemical basis for human nutritional requirements and health.

- 318 FOOD SERVICE MANAGEMENT** 3 F
FCS 103, 213; MQM 220 req.

Management of commercial foodservice systems: planning, control systems, decision making, human considerations.

- 319 QUANTITY FOODS** 3 F,S
FCS 213 req. Field trips.

Principles, techniques, and standards required to procure, store, and produce food in quantity for institutional and commercial feeding.

- 321 FLAT PATTERN DESIGN** 3 F,S
FCS 122 or equiv req. Formerly 322. Materials charge optional.

Computer and hand techniques in making garment patterns by the flat pattern method.

- 323 ADVANCED TEXTILES** 3 S
FCS 225 req. Lecture and lab. Materials charge optional.

Developments in the textile field, particularly man-made fibers and their products. Textile-testing techniques.

- 324 DRAPING AND DESIGN** 3
FCS 122 or 220 req. Materials charge optional.

Interpretation of garment designs in fabric by means of the draping procedure.

- 327 CLOTHING AND BEHAVIOR** 3 F
FCS 226; SOC 106 or PSY 111 req.

Factors that influence behavior related to clothing selection and use. Emphasis on research.

- 328 ECONOMICS OF FASHION** 3 S
FCS 226 and ECO 103 or 105 req.

Fashion as an economic force in the international economy. Fashion's influence on production, distribution and consumption of textiles and apparel.

- 329 APPAREL PRODUCT ANALYSIS** 3 F
FCS 122, 225 and 226 req.

Overview of apparel manufacturing and analysis of ready-to-wear apparel product quality.

- 330 DECISION-MAKING FOR CONSUMERS** 3 F,S
Also offered as BTE 330.

Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life style, consumer protection, leisure, and achieving financial security.

- 331 CONSUMER MATERIALS** 3 F
FCS 103 req; 233 req.

Application and evaluation of consumer information sources.

- 333 FAMILY AND CONSUMER PUBLIC POLICY** 3 S
FCS 103 req.

Public and private sector programs serving human needs; role of family and consumer science professional in the public policy arena.

- 338 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN I** 3 S
Jr or sr standing req. Formerly HISTORY OF FURNISHINGS AND INTERIORS.

Major stylistic time periods in architecture and interior design from antiquity to late 19th century.

- 340 INTERIOR DESIGN I: STUDIO** 4 S
FCS 242 req. FCS 225 and 244 and IT 110 or conc reg req. Lecture and lab. Materials charge optional.

Design principles applied to residential space. Students examine the ways in which rooms are affected by various design elements.

- 345 INTERIOR DESIGN BUSINESS PRACTICES** 2 S
FCS 340 req; FCS 300 rec. Formerly ENVIRONMENTAL DESIGN AS A PROFESSION.

Practices and procedures of professional design firms. Emphasis on business ownership, programming, purchasing procedures, billing hours, contracts and business forms.

- 346 ENVIRONMENTAL LIGHTING DESIGN** 2 F
FCS 340 req. Formerly ENVIRONMENTAL LIGHTING.

Design of the luminous environment. Emphasis on lighting sources, fixture schedules, switching patterns, and the required drawings used in residential and commercial applications.

- 347 HUMAN FACTORS IN INTERIOR ENVIRONMENTS** 2 F
FCS 242 req.

Functional and aesthetic aspects of interior environments. Emphasis on interface between man-made environments and humans. Needs of special populations addressed.

- 348 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN II** 2 F
FCS 338 rec. Formerly 248, CONTEMPORARY INTERIOR DESIGN.

Major movements in architecture and interior design from the late 19th century to the present.

- 361 FASHION HISTORY** 3 F
FCS 226 req.

Fashions from antiquity through present day; personalities and cultural forces that influence them. Emphasis on the western world in the 20th century.

- 365 DESIGN STUDIO** 3 S
FCS 122, 228 and 321 (formerly 322) req. May be repeated if content different; max 9 hrs. Cons inst req.

Advanced problem solving in apparel design.

- 368 FASHION PROMOTION** 3 F
FCS 226 req.

Apparel merchandising techniques with emphasis on visual merchandising, advertising, fashion shows, and related promotional activities.

369 FASHION MERCHANDISING 3 F*FCS 226; MKT 230; MQM 220 req. Field trips req.*

Management and operation of apparel retail firms with emphasis on store organization, salesmanship, inventory control, retail buying, and retail mathematics.

370 INTERIOR DESIGN II: STUDIO 4 F*FCS 340 req. FCS 218; IT 211; and ART 352 conc reg rec. Field trips req. Materials charge optional.*

The process of linking spaces using architectural elements. Emphasizing the design process as it affects private and public spaces.

371 FASHION MERCHANDISING II 3 S*FCS 228, 369 req.*

Planning, developing and presenting product lines in manufacturing and retail sectors of the apparel business.

375 INTERIOR DESIGN III: STUDIO 4 S*FCS 370 req. Materials charge optional.*

Study of design theory/analysis in relation to large-scale, comprehensive commercial interiors. Emphasis on codes regulating ergonomic and life safety issues.

380 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL COOPERATIVE EDUCATION PROGRAMS 3*Also offered as BTE 380. Incl Clin Exp: 5 hrs, Type 10.*

Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan.

382 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS 3*Also offered as BTE 382 and IT 306. Incl Clin Exp: 5 hrs, Type 10.*

Coordination techniques needed for high school and post-secondary teacher coordination in integrating classroom activities with daily employment.

394 HEALTH ASPECTS OF AGING 3 S*Also offered as HSC 394.*

Characteristics of the aging process and factors influencing adaptations and the quality of living.

398 PROFESSIONAL PRACTICE: FAMILY AND CONSUMER SCIENCES 2-4 F,S,Summer*Jr/sr standing (74 hrs) req; FCS 200 and 50 percent seq req; 2.0 overall GPA on date of app req. May be repeated once. See advisor for additional seq req.**Placement is not guaranteed. Prior cons dept chair req.*

Planned and supervised work experience in government, community, business, or industry.

398.01 PROFESSIONAL PRACTICE: CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS**398.02 PROFESSIONAL PRACTICE: CONSUMER SCIENCES****398.03 PROFESSIONAL PRACTICE: FOOD—NUTRITION OR DIETETICS****398.04 PROFESSIONAL PRACTICE: HOUSING AND ENVIRONMENTAL DESIGN****398.05 PROFESSIONAL PRACTICE: FASHION MERCHANDISING AND DESIGN****HEALTH, PHYSICAL EDUCATION, AND RECREATION (HPR) 512****215 Horton, (309) 438-8661****Chairperson:** Alan C. Lacy.**Tenured/Tenure-track Faculty:**

Professors: Chapman, Jones, Kauth, Lacy, Little, McCaw, Mawson, Rossman, Stumbo, Verner, Vogler.

Associate Professors: Brown, Thomas, Turco.

Assistant Professors: Amorose, Coleman, Garrahy, Goodwin, Kief, Kinchin, Klitzing, Lagally, Polacek, Schlatter, Smith, Wachter, Weith.

General Department Information**Admission/Retention Requirements:**

A student may be admitted to the Physical Education Major or the Recreation and Park Administration Major as a new freshman, as a transfer student, or as a change of major at Illinois State University. New freshmen who meet the University's admission standards may elect to become a major in the Department of Health, Physical Education, and Recreation. GPA requirements for transfer student admissions are the same as the Change of Major (within Illinois State). Applications for prospective Recreation and Park Administration majors are available in the Department academic advisor's office.

Retention of students admitted to the Physical Education Major, or to the Recreation and Park Administration Major, will be determined by the student's cumulative GPA and other specified criteria required for the sequence in the major. All major courses must be completed with a grade of C or better.

HONORS IN HEALTH, PHYSICAL EDUCATION, AND RECREATION

The Department of Health, Physical Education, and Recreation offers the highly qualified major or minor student an individualized program. The final designation *Honors in Health, Physical Education, and Recreation* is earned by completing the program and fulfilling specific criteria. Additional information may be obtained from the Chairperson of the Department of Health, Physical Education, and Recreation.

PROFESSIONAL PRACTICE/STUDENT TEACHING

Internship and cooperative education experiences are available at all levels in Physical Education (298, 398), and in Recreation and Park Administration (198, 298, 398). Students may earn from 1-16 hours. No more than 16 hours may be applied toward graduation. Professional Practice experiences are supervised work experiences in businesses, agencies, organizations, and institutions and are either paid or unpaid. For further information, contact the Professional Practice coordinator in your major. A student with a double major in Physical Education will enroll in professional practice

with the area of certification as the primary assignment. An 80-hour assignment in the secondary sequence area will be assigned.

Student teaching in Physical Education requires being accepted into the Teacher Education program at Illinois State University. Students are placed in schools with physical education cooperating teachers at the elementary, middle school, and/or secondary school levels as required for teacher certification. Student teachers are supervised by Physical Education faculty supervisors. The Physical Education Student Teaching Coordinator arranges for all student teaching placements.

Physical Education Programs

Degrees Offered: B.S., B.S. in Ed.

MAJOR IN PHYSICAL EDUCATION

Physical Education students may select one of four sequences in the major. Three sequences in Physical Education: Teacher Education, Exercise Science and Fitness, and Athletic Training, each require a cumulative GPA of 2.50 for admission and retention. The Physical Education Studies (general) Sequence requires a cumulative GPA of 2.0 for admission and retention. All physical education major courses must be completed with a grade of C or better.

Physical Education Studies (general) Sequence:

A student has the opportunity to select from a series of Physical Education courses to develop a plan of study. Students selecting the Physical Education Studies Sequence must meet the following requirements:

Selective Admission:

Students selecting the Physical Education Studies Sequence must have earned a cumulative 2.0 GPA.

Physical Education Studies Sequence Program of Study:

- 40 hours required.
- Required courses: 28-hour core of HPR 160, 180, 181, 182, 240, 254, 257, 280, 282. Select 3 hours from HPR 133.27, 150.20, 150.30, 150.50, 150.60, 150.70, 150.80, 151.10, 151.20, 151.30, 152.20, 152.30, 153.10, 153.20, 281, 283, 285; THE 105, 119.
- 12 additional hours from within the Physical Education Program are required for majors not selecting a specialized sequence.
- A minimum of 8 hours of upper-division courses are required, 6 of which must be at the 300-level.
- A second major or minor, or an individualized program by advisement, is recommended.
- Graduation requirements: All required Physical Education courses must be completed with a grade of C or better.

Selective Retention:

After being officially admitted to the Physical Education Studies Sequence, the student must maintain a cumulative 2.0 GPA.

Teacher Education Sequences:

Selective Admission:

All Physical Education majors planning to become certified teachers must apply for and be admitted to the University's Teacher Education Program (see Teacher Education Program section of the *Undergraduate Catalog*). In addition to fulfilling University requirements for admission to Teacher Education, the Physical Education major must have verified the following:

1. Students admitted to the Teacher Education Sequence must have earned a completed 8 hours: HPR 158, 221, and two of the following Performance and Analysis courses: HPR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80, 151.10, 151.20, 151.30, 152.20, or 152.30.
2. A minimum 2.5 cumulative GPA and a minimum 2.5 major GPA.
3. Completion of departmental application for admission to the Teacher Education program and a projected program plan for graduation through contact with departmental advisor.
4. Participation in a personal interview as requested by the Sequence Coordinator of Teacher Education.
5. A positive recommendation from the Sequence Coordinator based upon evidence of satisfactory progress from faculty teaching in the major program.
6. Students who fail to meet all requirements for admission to Teacher Education by established deadlines may petition through the Physical Education Teacher Education Sequence Coordinator. All petitions must be approved by the Office of CECF.

Teacher Education Sequence Program of Study Leading to a 6-12 Standard Certificate:

- 76 total hours required.
- 52 hours in the following core and sequence courses required.
- 25 hours in core courses: HPR 160, 180, 181, 182, 240, 254, 257, 280, 282.
- 27 hours in sequence courses: HPR 158, 221, 241, 258, 383, 391, including 4 hours required from: HPR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80; 3 hours from HPR 133.27, 151.10, 151.20, 151.30, 152.20, 152.30; 2 hours from HPR 153.10, 153.20; THE 105, 119; 1 hour from HPR 281, 283, 285.
- 24 hours in Professional Education requirements (see C&I Professional Education requirements in this *Undergraduate Catalog*); STT 399.74 (10 sem. hrs.).

Teacher Education Sequence Program of Study Leading to a K-12 Special Certificate:

- 82 total hours required.
- 55 hours in the following core and sequence courses required.
- 25 hours in core courses: HPR 160, 180, 181, 182, 240, 254, 257, 280, 282.
- 30 hours in sequence courses: HPR 158, 221, 225, 241, 258, 383, 391, including 4 hours required from HPR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80; 3 hours from HPR 133.27, 151.10, 151.20, 151.30, 152.20, 152.30; 2 hours from HPR 153.10, 153.20; THE 105, 119; 1 hour from HPR 281, 283, 285.

- 27 hours in Professional Education requirements: (see C&I Professional Education requirements in the *Undergraduate Catalog*); STT 399.74 (8 sem hrs), 399.75 (5 sem hrs).

Selective Retention:

In order to receive departmental approval for a student teaching assignment the student must verify the following:

1. A student, after having been officially admitted to the University Teacher Education program, must maintain a cumulative 2.5 GPA and a major 2.5 GPA.
2. A student falling below the required GPA will be placed on probation for 1 semester. If after 1 semester, the 2.5 GPA has not been re-established, the student will be dropped from the Teacher Education program.
3. The student may reapply for admission upon meeting all of the criteria again. The student who is not readmitted after 1 semester of probation and a minimum 2.0 GPA will have the choice to enter the Physical Education Studies (general) Sequence.
4. Satisfactory recommendation from the Teacher Education Sequence Coordinator following completion of the Clinical Experience in HPR 258.
5. A student who has not been retained may appeal for reconsideration to the Physical Education Selection-Retention Committee. After consideration, the Committee will either disallow the appeal or approve reinstatement on a probationary basis for a specified period of time.

Entitlements:

Completion of the Teacher Certification Sequence in the 52-hour major and the Professional Education requirements entitles the Physical Education graduate to the 6-12 standard certificate, and the K-12 special certificate in the 55-hour major if additional student teaching assignments have been completed at the elementary level. Student choice will determine the type of student teaching assignment (elementary and secondary or secondary only) and thus the type of certification entitlement. Students who select a dual student teaching assignment are entitled to both the K-12 and 6-12 teaching certificates when they graduate.

Exercise Science and Fitness Sequence:

Selective Admission:

In addition to fulfilling University requirements for admission to Exercise Science and Fitness, the Physical Education major must have verified the following:

1. Students admitted to the Exercise Science and Fitness Sequence must have earned and completed 7 hours: (HPR 240, 280, and 298.10)
2. A minimum 2.5 cumulative GPA and a minimum 2.5 major GPA.
3. Participation in a personal interview as requested by the Sequence Coordinator of Exercise Science and Fitness.
4. Students who fail to meet all requirements for admission to Exercise Science and Fitness may petition through the Sequence Coordinator.

Exercise Science and Fitness Sequence Program of Study:

- 66 total hours required.
- 54 hours in the following core and sequence courses required.
- 25 hours in core courses: HPR 160, 180, 181, 182, 240, 254, 257, 280, 282;
- 19 hours in sequence courses: HPR 154.40, 281, 283, 285, 298.10, 307, 308, 309, 310, 378.10.
- 10 hours in HPR 398.10.
- 12 hours in Interdisciplinary courses: FCS 102; 1 course from FCS 315; HSC 105; PSY 333; 1 course from BSC 241; PSY 303, 304; SOC 211; 1 course from ACS 150, 155.01, 155.02; ENG 249; ECO/GEO/POS/PSY 138; MAT 162.

Selective Retention:

Once admitted to the Exercise Science and Fitness Sequence, the student must maintain the following requirements:

1. A cumulative 2.5 GPA and a major 2.5 GPA.
2. A student falling below the required GPA will be placed on probation for 1 semester. If after 1 semester, the 2.5 GPA has not been re-established, the student will be dropped from the Exercise Science and Fitness Sequence.
3. A student who has not been retained in the Sequence, may reapply for admission to the Exercise Science and Fitness Sequence after meeting all of the criteria again. The student who is not readmitted after 1 semester of probation and a minimum 2.0 GPA will have the choice to enter the Physical Education Studies (general) Sequence.

Certification Opportunities:

This Sequence focuses on content areas needed for certification preparation by several organizations in this professional field of study, such as the American College of Sports Medicine. Students interested in certification should consult the Exercise Science and Fitness Sequence coordinator in the Health, Physical Education, and Recreation Department for further information.

Athletic Training Sequence:

Selective Admission:

All students planning to become certified athletic trainers must apply for and be admitted to the Athletic Training Clinical Education Sequence. Transfer students will be evaluated individually based on previous course work and credentials. Eligibility to apply for admission to the Athletic Training Clinical Training Sequence will be determined by the Coordinator of Athletic Training Education. Applicants compete for available spaces in the program. The following criteria must be met for acceptance into the Athletic Training Clinical Education Sequence:

In addition to fulfilling University requirements, the Physical Education major wishing to apply for the Athletic Training Clinical Education Sequence must have verified the following:

1. Students admitted to the Athletic Training Clinical Education Sequence must have earned and completed 6 hours: (HPR 181, 188, 188.01).
2. A minimum 2.5 cumulative GPA and a minimum 2.5 major GPA must be earned.
3. Participation in a personal interview as requested by the sequence coordinator of the Athletic Training Clinical Education Sequence.
4. Students who fail to be admitted to the Athletic Training Clinical Education program, may petition through the sequence coordinator.

Athletic Training Sequence Program of Study:

- 55 total hours required.
- 55 hours in the following core and sequence required.
- 25 hours in core courses: HPR 160, 180, 181, 182, 240, 254, 257, 280, 282.
- 24 hours in sequence courses: HPR 188, 188.01, 281, 283, 284, 285, 288, 334, 335, 378.10, 387, 388.
- HPR 298.10, 298.11, 298.12 and/or 298.13 recommended.
- 6 hours in HPR 398.10.
- This sequence meets all necessary academic requirements for certification by the National Athletic Trainers' Association. Students interested in NATA certification should consult the Athletic Training Sequence Coordinator in the Department for further information.

Selective Retention:

Once admitted to the Athletic Training Clinical Education Program, the student will begin clinical work in athletic training at Illinois State University, and must maintain the following requirements:

1. A cumulative 2.5 GPA and a major 2.5 GPA.
2. A student falling below the required GPA will be placed on probation for 1 semester. If after 1 semester, the 2.5 GPA has not been re-established, the student will be dropped from the Athletic Training Clinical Education Sequence.
3. A student who has not been retained in the Athletic Training Clinical Education Sequence may reapply for admission during the next available application period. The student who is not readmitted after 1 semester of probation will have the choice to enter the Physical Education Studies (general) Sequence.
4. In keeping with the University requirements regarding hepatitis-B immunizations, clinical students in the program shall be immunized against this disease.

Certification Opportunities:

Students in the Athletic Training Sequence at Illinois State University are considered internship students by the National Athletic Trainers' Association Board of Certification (NATABOC). In order to be eligible for certification

by the NATABOC, a student must accumulate 1500 hours of clinical work under the supervision of a certified athletic trainer as required for the internship route to certification.

MINOR IN PHYSICAL EDUCATION

Elementary Physical Education Sequence:

This is a Teacher Education program.

- 28 hours in Health, Physical Education and Recreation required.
- Required courses (16 hrs): HPR 158, 181 or 182, 221, 241, 383.
- Elective courses (12 hrs): 6 hours from HPR 225, 257, 280, 282. Select 1 course from HPR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80; 1 course from HPR 133.27, 151.10, 151.20, 151.30, 152.20, 152.30; 1 course from HPR 153.10, 153.20; THE 105, 119; 1 course from HPR 281, 283, 285; 2 additional courses from any of the above.

Secondary Physical Education Sequence:

This is a Teacher Education program.

- 25 hours in Health, Physical Education and Recreation required.
- Required courses (13 hrs): HPR 158, 181 or 182, 241, 383.
- Elective courses (12 hrs): 6 hours from HPR 225, 257, 280, 282; Select 1 course from HPR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80; 1 course from HPR 133.27, 151.10, 151.20, 151.30, 152.20, 152.30; 1 course from HPR 153.10, 153.20; THE 105, 119; 1 course from HPR 281, 283, 285; 2 additional courses from any of the above.

Athletic Coaching Sequence:

This is a non-teaching program, not recognized as a teaching area in Illinois.

- 23 hours in Health, Physical Education and Recreation required.
- Required courses (11 hrs): HPR 181, 182, 207, 284; 2 hours from HPR 180, 240, 281, 283, 285, 298.10; 3 hours from HPR 280, 282; 4 hours from HPR 210, 211, 212, 213, 215; 3 hours from HPR 254, 306, 320, 387.

Athletic Training Sequence:

This is a non-teaching program, not recognized as a teaching area in Illinois. This sequence meets all necessary academic requirements for certification by the National Athletic Trainers' Association. Students interested in NATA certification should consult the Athletic Training Clinical Coordinator in the Department for further information.

- 23 hours in Health, Physical Education and Recreation required.
- Required courses (23 hrs): HPR 181, 182, 188, 188.01, 240, 280, 282, 284, 387 or 388.

Recreation and Park Administration Program

Degree Offered: B.S.

Students may obtain advising material related to Recreation and Park Administration (RPA) in the Department's main office. The Health, Physical Education, and Recreation academic advisor will assist students with planning and completing an academic plan of study. All major courses in RPA must be completed with a grade of C or better.

MAJOR IN RECREATION AND PARK ADMINISTRATION

Admission Requirements:

1. Students must have an overall minimum GPA of 2.0.
2. Students must have completed: HPR 170, 170.01, 171, 198.30.
3. Students must complete a departmental application. Applications are available in the departmental advisement office.

Commercial Recreation Sequence:

- 67 total hours required.
- 39 hours in core courses: HPR 170, 170.01, 171, 198.30, 270, 271, 298.30, 375, 376, 378.30, 398.30
- 12 hours in sequence courses: HPR 275, 277, 374, 377.
- 16 hours in interdisciplinary courses: ACC 131; MKT 230; FIL 208; 6 hours selected from ACC 132; FIL 209, 240; MQM 220, 226; MKT 233; 1 hour selected from approved applied Art, Music, Theatre, or Physical Education courses.
- Recommended courses: COM 123, 223; ECO 105; ACS 150 or 155.01.
- Non-business majors who desire to elect more than 30 hours of their course work in business must meet all College of Business requirements for graduation. These students should register for additional courses only in person and with the written permission of the College of Business advisor.

Program Management Sequence:

- 62 total hours required.
- 39 hours in core courses: HPR 170, 170.01, 171, 198.30, 270, 271, 298.30, 375, 376, 378.30, 398.30
- 12 hours in sequence courses: HPR 275, 276, 371, 374.
- 11 hours in interdisciplinary courses: select 6 hours from ACC 131; FIL 208; MQM 220, 323; MKT 230; select 5 hours from approved applied Art, Music, or Theatre (1-3 hrs), and Physical Education (1-4 hrs).
- Recommended courses: COM 123, 223; ECO 105; ACS 150 or 155.01.

Certification Opportunity:

Students graduating from this program are immediately eligible to sit for the examination to become a Certified Leisure Professional.

Therapeutic Recreation Sequence:

- 67 total hours required.
- 39 hours in core courses: HPR 170, 170.01, 171, 198.30, 270, 271, 298.30, 375, 376, 378.30, 398.30
- 12 hours in sequence courses: HPR 273, 278, 279, 373.

- 16 hours in interdisciplinary courses: HSC 105; HPR 181 or 182; PSY 112 or 113; 350; 4 hours selected from approved applied Art, Music, Theatre, (3 hrs) and Physical Education (1 hr).
- Recommended courses: COM 123, 223; ACS 150 or 155.01.

Certification Opportunity:

Students graduating from the Therapeutic Recreation Sequence who have met all the NCTRC requirements (major and recommended courses including an approved internship) are eligible to apply to sit for the examination to become a Certified Therapeutic Recreation Specialist.

MINOR IN RECREATION AND PARK ADMINISTRATION

- 24 hours required.
- Required courses: HPR 170, 170.01, 171, 198.30, 270, 271, 375, 376.
- 3 hours of courses selected from: HPR 273, 275, 276, 277, 278, 279, 371, 373, 374, 377.

MINOR IN TOURISM STUDIES

Advisor: Jill Freund Thomas
Department of Geography
200B Felmley Hall
(309) 438-8403

Jointly developed and sponsored by the departments of Geography-Geology and Health, Physical Education and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, who resides in the Department of Geography-Geology.

- 24 hours required.
- Required courses: GEO 130, 135, 215, 265; HPR 271, 277, 377; POS 140 or 145.
- Recommended courses: GEO 315; HPR 374, 375.

Physical Education Courses

Some sections of these courses may be restricted to Health, Physical Education, and Recreation majors.

An optional locker and towel charge will be assessed for students in selected Physical Education activity courses.

104 NEUROMUSCULAR RELAXATION 1 F,S *Not for cr if had 154.40.*

The study and practice of neuromuscular relaxation as a method of recognizing and controlling tension. The Jacobsen progressive relaxation technique will be employed.

105 BADMINTON I 1 F,S *Not for cr if had HPR 150.20. Materials charge optional.*

Introduction to the basic strokes and strategies of badminton. Tournament play in singles and/or doubles.

106.02 BASKETBALL II 1 F,S Development of intermediate and advanced skills and strategies of basketball.

108 BILLIARDS I 1 F,S

Materials charge optional.

Basic shooting techniques with focus on stance, bridge and cue ball contact. Experience in games of Basic Pocket Billiards, Rotation and Eight Ball.

108.02 BILLIARDS II 1 F,S

HPR 108 or intermediate playing ability req. Materials charge optional.

Development of complex skills such as Caroms, Banks, and combination shots. Emphasis on spin, and the application of English.

112 BOWLING I 1 F,S

Materials charge optional.

Development of basic skills and knowledge for the beginning bowler.

112.02 BOWLING II 1 F,S

HPR 112 or intermediate skill in bowling req. Materials charge optional.

Development of more consistency with strikes and spares, an understanding of taps, lane conditions, ball tracks. Participation in a variety of tournaments.

113 PERSONAL FITNESS 3 F,S

Not for cr Physical Education maj. Materials charge optional.

The development of a personalized, comprehensive fitness program based on knowledge and understanding of the specific effects of exercise. Lecture and lab.

114 NAUTILUS CONDITIONING 1 F,S

Not for cr if had HPR 285.

Basic techniques and knowledge necessary to increase muscular strength through the use of nautilus resistive isotonic exercise equipment.

119 GOLF I 1 F,S

Not for cr if had HPR 150.50. Materials charge optional.

A basic course in golf designed for the beginner or high handicap golfer.

119.02 GOLF II 1 F,S

HPR 119 or evidence of intermediate skills in golf req. Materials charge optional.

Designed for experienced or low handicap player. Refinement of basic and advanced strokes. Development of game and course strategy.

126 AEROBICS 1 F,S

Not for cr if had HPR 281.

Introduction to aerobics designed to develop and improve strength, flexibility, and cardiovascular endurance.

127 SWIMMING I 1 F,S

Not for cr if had HPR 150.30. Materials charge optional. Formerly SWIMMING I - BEGINNING.

For the fearful or non-swimmer with no aquatic skills. Instruction in adjustment experiences, basic techniques of safety, survival, and propulsion.

127.02 SWIMMING II-INTERMEDIATE 1 F,S

Materials charge optional.

For swimmers with limited skills. Emphasis on basic strokes and introduction to basic diving techniques.

127.10 AQUATIC FITNESS 1 F,S

Not for cr if had HPR 283. May be repeated once.

Ability to swim not req.

Shallow water aerobic exercise and/or lap swimming programs to develop and maintain physical fitness.

131 LIFEGUARDING 2 F,S

ARC Level 6; skill proficiency swim certificate or equivalent skill level req. Formerly LIFE SAVING.

For highly skilled swimmers to learn special skills of life guarding, rescue techniques, and water safety procedures. Opportunity for ARC certification.

132 WATER SAFETY INSTRUCTOR 2 F,S

Current American Red Cross Community Water Safety, or Lifeguarding certificate or equivalent skill req. Formerly WATER SAFETY INSTRUCTOR'S COURSE.

Analysis of techniques in and methods of teaching swimming and water safety. Opportunity for American Red Cross-Water Safety Instructor certification.

133 SELECTED ACTIVITIES 1 F,S

Selected beginning and/or intermediate activities offered as experimental programs.

136 VOLLEYBALL I 1 F,S

Not for cr if had HPR 151.30.

Basic skills, rules, and strategies involved in the game of volleyball, and application in tournament play.

136.02 VOLLEYBALL II 1 F,S

HPR 136 or intermediate skill in volleyball req.

Advanced knowledges, skills, and strategies of the game of volleyball, and application in a competitive situation.

137 SOCCER 1 S

Not for cr if had HPR 152.30.

Basic skills, rules, and strategies necessary for game play. Fundamentals emphasized with application in competitive play.

142 TENNIS I 1 F,S

Not for cr if had HPR 150.70. Materials charge optional.

Introduction to the basic strokes and beginning strategy of tennis. Tournament play in singles and/or doubles.

146 MILITARY PHYSICAL CONDITIONING 1 F,S

May be repeated; max 4 hrs.

Practical experience in the structure, techniques, and conduct of military physical conditioning to develop total fitness and leadership ability.

147 WEIGHT TRAINING 1 F,S

Not for cr if had HPR 285.

Basic knowledge and concepts of use of resistive exercises to increase muscular strength and endurance. Participation in an individual weight program.

149 FLAG FOOTBALL 1 F

Not for cr if had HPR 152.20.

Development of fundamental football skills and strategies needed for game of flag football.

130 Health, Physical Education, and Recreation**150.20 BADMINTON PERFORMANCE AND ANALYSIS 1 F,S**

Maj/min only. Formerly BADMINTON INSTRUCTIONAL METHODS. Materials charge optional.

Introduction to the basic strokes and strategies of badminton. Emphasizes teaching strategies and class organization utilized in badminton.

150.30 SWIMMING PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Materials charge optional.

Introduction to teaching swimming, water safety, and fitness. Includes course planning, practice teaching, and skill analyses.

150.50 GOLF PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly GOLF INSTRUCTIONAL METHODS. Materials charge optional.

Presentation of basic skills and knowledges in golf methods and procedures for golf teaching.

150.60 GYMNASTICS PERFORMANCE AND ANALYSIS 1 F

Maj/min only. Formerly GYMNASTICS INSTRUCTIONAL METHODS.

Instruction in the basic skills and techniques of various gymnastics events with emphasis on spotting and teaching strategies.

150.70 TENNIS PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly TENNIS INSTRUCTIONAL METHODS. Materials charge optional.

Introduction to the basic strokes and knowledge of tennis. Emphasizes teaching strategies and class management utilized in tennis.

150.80 TRACK AND FIELD PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly TRACK AND FIELD INSTRUCTIONAL METHODS.

Instruction in the basic skills and techniques of various track and field events. Techniques of teaching will be presented.

151.10 BASKETBALL PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly BASKETBALL INSTRUCTIONAL METHODS.

Development of fundamental basketball skills with emphasis on selected teaching progressions, drills, and strategies.

151.20 SOFTBALL PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly SOFTBALL INSTRUCTIONAL METHODS.

Development of fundamental softball skills and strategies. Class organization, teaching progressions, skill analyses, management and instructional skills will be emphasized.

151.30 VOLLEYBALL PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly VOLLEYBALL INSTRUCTIONAL METHODS.

Basic skills and strategies involved in the game of volleyball, and application in game play. A teaching progression is emphasized.

152.20 FLAG FOOTBALL PERFORMANCE AND ANALYSIS 1 F

Maj/min only. Formerly FLAG FOOTBALL INSTRUCTIONAL METHODS.

Development of basic skills and strategies. Selected organizational and instructional procedures appropriate for teaching flag football.

152.30 SOCCER PERFORMANCE AND ANALYSIS 1 S

Maj/min only. Formerly SOCCER INSTRUCTIONAL METHODS.

Basic skills, rules and strategies for game play; safety; selected organizational and instructional procedures appropriate for teaching soccer.

153.10 FOLK AND SOCIAL DANCE PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly FOLK AND SOCIAL DANCE INSTRUCTIONAL METHODS.

Fundamental skill concepts of folk and social dance. Class organization, selected teaching methods, and assessment of skills included.

153.20 SQUARE DANCE PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly SQUARE DANCE INSTRUCTIONAL METHODS.

Basic fundamental skill concepts of square dance. Class organization, selected techniques of teaching, calling, and assessment of skills included.

154.40 NEUROMUSCULAR RELAXATION INSTRUCTIONAL METHODS 1 F,S

Maj/min only.

Study of stress and how it affects the body. Practice of neuromuscular relaxation techniques, and teaching methods for relaxation.

158 INSTRUCTIONAL STRATEGIES IN PHYSICAL EDUCATION 3 F,S

Incl Clin Exp: 20 hr, Type 1-4, 5-1, 6-15.

Introduction to planning and teaching physical education. Includes lesson planning, practice of teaching skills through micro teaching, peer teaching, analysis of teaching.

160 FOUNDATIONS OF HUMAN MOVEMENT 3 F,S

Identification of foundational concepts in physical education, including historical and philosophical orientations, sub-disciplinary movements, career development, and physical education issues.

180 FIRST AID 2 F,S

Certificate may be purchased from ARC.

Accident prevention and action to be taken in cases of accident and sudden illness in the home, school, and community. Students successfully completing this course will have an opportunity to receive certification in Red Cross Standard First Aid. Instruction in CPR techniques and opportunities for certification in CPR also provided.

181 HUMAN ANATOMY AND PHYSIOLOGY 3 F,S

Lecture and lab.

Gross structure and physiology of the human body; particular attention to the locomotor system.

**182 HUMAN ANATOMY
AND PHYSIOLOGY** 3 F,S

Emphasis on the nervous, circulatory, respiratory, and digestive systems.

**188 INTRODUCTION TO
ATHLETIC TRAINING** 2 F,S

HPR 188.01 conc reg req. Materials charge optional. Formerly BANDAGING, TAPING, AND TRAINING ROOM MANAGEMENT.

Introduction to the field of athletic training, including history, professional developments, certification requirements, responsibilities, skills, facilities, and clinical settings.

**188.01 CLINICAL PRACTICUM IN
ATHLETIC TRAINING** 1 F,S

HPR 188 conc reg req.

Introduction to the actual experience of athletic training by observation and clinical practice.

**207 THE COACH IN ORGANIZED
SPORTS AND ATHLETICS** 2 F,S

HPR 181 req.

An introduction to interschool athletic programs including basic philosophy, governing organizations, administrative duties of coaches and direct coaching responsibilities.

**208 DYNAMICS OF UNITED STATES
CONTEMPORARY HEALTH
ISSUES** OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req. Also offered as FCS/HSC 208.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

210 BASEBALL COACHING 2 F,S

HPR 207 or prev experience as a player/youth coach or cons inst req. Soph standing req.

The theory and coaching of baseball essential to the professional preparation of those interested in coaching; history, philosophy, techniques, and fundamentals.

211 BASKETBALL COACHING 2 F,S

HPR 207 or prev exp as a player/youth coach or cons inst req. Soph standing req.

A course for professional preparation of coaches of basketball. Included are history, philosophy, techniques, and tactics of basketball.

212 FOOTBALL COACHING 2 F

HPR 207 or previous experience as a player or youth coach or cons inst req. Soph standing req.

Theory and techniques of basic offensive and defensive football. The history, development of trends, modern innovations are included.

**213 TRACK AND FIELD
COACHING** 2 S

HPR 207 or previous experience as a player or a youth coach or cons inst req. Soph standing req.

Understanding and application of various training methods and coaching techniques in track and field events.

Health, Physical Education, and Recreation 131

215 VOLLEYBALL COACHING 2 F

HPR 207 or previous experience as a player or youth coach or cons inst req. Soph standing req.

Techniques and methods of coaching volleyball, including teaching techniques, conditioning, strategies, practice situations, and management techniques.

**221 ELEMENTARY PHYSICAL
EDUCATION CURRICULUM** 3 F,S

HPR 158 req. Incl Clin Exp: 4 hrs, Type 1 and 5.

Planning a program of physical education for elementary school children. Progressions within activities, techniques of organization, and methods of teaching. Observations of children and laboratory sessions in activities.

**222 PHYSICAL EDUCATION FOR ELEMENTARY
CLASSROOM TEACHER** 2 F,S

Jr standing req. Not for cr maj. No cr if in El Ed core prog. Incl Clin Exp.

Factors essential to program planning in physical education grades one through six. Types and progression of activities; methods and techniques of class organization. Observations of children and laboratory sessions in activities.

**225 MOTOR DEVELOPMENT
OF CHILDREN** 3 F,S

Incl Clin Exp: 4 hrs Type 1 and 4.

Motor development related to anatomical growth and sensory development in the child from infancy to puberty. Mechanisms and theories of perceptual motor development, research findings, and implications for physical education.

**240 PRINCIPLES AND APPLICATIONS OF
FITNESS TRAINING** 2 F,S

Maj/min only. HPR 181 and 182 req. Formerly 280.01, FITNESS TRAINING INSTRUCTIONAL METHODS.

Individualized approach to development of a healthy lifestyle based upon knowledge and understanding of the specific effects of exercise.

**241 SECONDARY PHYSICAL EDUCATION
CURRICULUM AND EVALUATION** 4 F,S

C&I 214. Incl Clin Exp: 26 hrs, Type 1-5. All sections of PPST passed.

Development and administration of secondary physical education programs. Concepts and techniques of evaluation appropriate for the program and the learner in physical education.

**254 SOCIO-PSYCHOLOGICAL PERSPECTIVES IN
PHYSICAL ACTIVITY** 3 F,S

HPR 160 or cons inst req.

Survey of cultural, philosophical, social and psychological factors influencing the nature, evolution and maintenance of informal and formal physical activities.

**257 MOTOR LEARNING
AND PERFORMANCE** 3 F,S

Maj/min only. HPR 160 or cons inst req.

Study of processes involved in acquiring and perfecting motor skills and effects of aging on acquisition of those skills.

- 258 DIRECTED PRACTICUM IN PHYSICAL EDUCATION** 3 F,S
Dept pre-enr req. Student must have 2 consecutive hours between 8 a.m. and 3 p.m. (e.g., 9-11 a.m.) free daily. HPR 158 and 221 req. Adm to Teacher Ed req. Incl Clin Exp: 40 hrs Type 1-5. Materials charge optional. Formerly DIRECTED EXPERIENCES IN PHYSICAL EDUCATION.

Arranged Clinical Experience assignment that includes observation, participation, and teaching in elementary physical education. Seminar meets three times per week.

- 280 EXERCISE PHYSIOLOGY** 3 F,S
Maj/min only. HPR 181 and 182 req.

Application of human anatomy and physiology to the understanding of physical education. Effects of exercise on body systems and performance.

- 281 AEROBIC DANCE INSTRUCTIONAL METHODS** 1 F,S
Maj/min only. HPR 240 req.

Introduction to teaching aerobic dance for various populations. Includes course planning, practice teaching experiences and preparation for Aerobic Instructor Certification.

- 282 KINESIOLOGY** 3 F,S
HPR 181 req. Lecture and lab. Materials charge optional.

Analysis of human motion based on anatomic and mechanical principles. Application of these principles in teaching physical education activities.

- 283 AQUATIC FITNESS INSTRUCTIONAL METHODS** 1 F,S
Maj/min only. HPR 240 req.

Introduction to teaching aquatic fitness and exercise. Includes course planning and practice teaching experiences and preparation for Aquatic Exercise Instructor Certification.

- 284 PREVENTION AND CARE OF ATHLETIC INJURIES** 3 F,S
HPR 181 or cons inst req. Formerly INTRODUCTION TO ATHLETIC INJURIES.

An introductory course, with emphasis on the prevention and care of athletic injuries.

- 285 RESISTIVE EXERCISE INSTRUCTIONAL METHODS** 1 F,S
Maj/min only. HPR 240 req.

Instructor preparation for creating individualized resistive exercise programs for persons across the age span. Includes personal skill development.

- 288 THERAPEUTIC MODALITIES** 3 F,S
HPR 181, 182, 188 or cons inst req. Formerly THERAPEUTIC MODALITIES AND REHABILITATION.

An investigation of the theoretical, technological, and physiological basis of therapeutic modalities in athletic training.

- 295 HONORS SEMINAR** 1 F,S
 Introduction to independent Honors study; identification and definition of problems; selected methods for problem solving; use of library resources.

- 298.10 PROFESSIONAL PRACTICE: INTERNSHIP/ COOPERATIVE EDUCATION EXPERIENCE IN PHYSICAL EDUCATION, SPORTS AND ATHLETICS** 2 F,S
Jr standing; 2 upper-level courses in Physical Education req. May Incl Clin Exp in selected school activities. Materials charge optional.

A Professional Practice experience in community sites for non-teacher certification majors. May include coaching experience in public schools for coaching minors. Periodic seminar meetings.

- 298.11 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES I** 1 F,S
HPR 188, 188.01 and admittance to the Athletic Training Education Program.

Supervised instruction and practice of clinical skills and competencies for the beginning (Level 1) student athletic trainer.

- 298.12 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES II** 1 F,S
HPR 298.11 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the progressing (Level 2) student athletic trainer.

- 298.13 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES III** 1 F,S
HPR 298.12 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the intermediate (Level 3) student athletic trainer.

- 298.14 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES IV** 1 F,S
HPR 298.13 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 4) student athletic trainer.

- 298.15 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES V** 1 F,S
HPR 298.14 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 5) student athletic trainer.

- 304 TEACHING OF SPORTS** 3 F
 Optimal learning in human movement: content, teacher behavior, situational conditions, analysis of sports, instructional approaches, application and research.

- 306 PSYCHOLOGY OF SPORT** 3 F
HPR 254 or cons inst req.

Psychological principles and concepts applied to sport situations and to individuals involved with sport activities.

- 307 EXERCISE IN HEALTH AND DISEASE** 3 F,S
HPR 280 req.

Application of exercise physiology principles to evaluate the extent to which common disease processes limit body function and exercise performance.

308 EXERCISE PROGRAMMING 3 F,S*HPR 240 and 280 req; 309 conc req req.*

Development of fitness instructor skills for designing exercise programs for populations of normal, at-risk, and others with special exercise needs.

309 PRINCIPLES AND TECHNIQUES OF PHYSIOLOGICAL TESTING 3 F,S*HPR 240 and 280 req; 308 conc req req. Materials charge optional.*

Application of various laboratory exercise testing modalities for evaluating human physiological function.

310 FITNESS MANAGEMENT 2 F,S*Maj/min only. HPR 298.10 or cons inst req.*

Theories of organization and principles of management applied to fitness programs in the commercial, community, medical, and worksite settings.

317 SOCIOLOGY OF SPORT 3 S*Also offered as SOC 317.*

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups and collective behavior.

320 DEVELOPMENTAL ASPECTS OF YOUTH SPORT 3 F*At least 1 of the following: HPR 254, 306; PSY 112, 301, 302, or cons inst req.*

Effects of sport and competitive physical activities on the biophysical and psychosocial development of young people.

334 THERAPEUTIC EXERCISE 2 F,S*HPR 182, 188, 284, or cons inst req.*

Essential components of a comprehensive rehabilitation program including goals, exercise selection, programming, evaluation, and criteria for return to competition.

335 ADMINISTRATION OF ATHLETIC TRAINING 2 F,S*HPR 188, 284, or cons inst req.*

Theory and application in athletic training programs including pre-participation physical examinations, budget management, medical records, and legal aspects of sports medicine.

342 OCCUPATIONAL BIOMECHANICS 3 F*HPR 181; HSC 271; PHY 108 req. MAT 120 or 145 or cons inst req. Materials charge optional.*

Application of biomechanical principles to the solution of problems related to the interaction of the worker with the workplace.

352 BIOMECHANICS OF HUMAN MOVEMENT 3 F,S*HPR 282 or cons inst req. PHY 108 and MAT 108 rec. Materials charge optional.*

Amplification of kinematics, including kinetics of human movements; introduction to high-speed cinematography, biomechanics instrumentation and computer analysis.

353 ELECTROCARDIOGRAPHY 1 F*HPR 182 or cons inst req.*

Relationships of electrocardiographic complexes to the anatomy and physiology of the heart under selected conditions of health, disease, and exercise.

378.10 SEMINAR IN PROFESSIONAL PRACTICE 2 F,S*HPR 298.10 or 298.30 req. Sr standing req.*

Orientation to the expectations and problems encountered in Senior professional practice in physical education, sports, and athletics. Formal application and placement of professional practice students.

383 ADAPTED PHYSICAL EDUCATION 3 F,S*HPR 181 or BSC 181 req. Incl Clin Exp. 15 hrs, Type 4.*

Handicapping conditions and methods, materials, and activities for adapted physical education programs in pre-school, elementary, secondary, and self-contained schools.

387 EVALUATION OF ATHLETIC INJURIES: LOWER EXTREMITIES 3 F,S*HPR 181, 284, or cons inst req. Formerly ADVANCED ATHLETIC INJURIES.*

The advanced study of lower extremity injuries, with emphasis on evaluation.

388 EVALUATION OF ATHLETIC INJURIES: UPPER EXTREMITIES 3 F,S*HPR 188, 284, or cons inst req.*

Study and practice of evaluation and management of upper extremity injuries in sports.

391 CREATING POSITIVE LEARNING ENVIRONMENTS IN PHYSICAL EDUCATION 1 F,S*STT 399.74 and/or 399.75 conc req or cons inst req.*

Strategies for developing and implementing effective behavior management plans in physical education programs based on sound education practices.

398.10 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE IN PHYSICAL EDUCATION GENERAL STUDIES 1-14 F,S,Summer*HPR 298.10 or 298.30, 378.10; Sr standing req. Materials charge optional.*

Jointly planned and supervised internship/cooperative education experience under the guidance of professionally qualified personnel from business, industry, government, and other University faculty supervisors.

398.11 PROFESSIONAL PRACTICE: INTERNSHIP IN EXERCISE SCIENCE & FITNESS 1-14 F,S,Summer*HPR 298.10 or 298.30; 378.10; Sr standing req.*

Jointly planned and supervised internship cooperative education experience in Exercise Science and Fitness under the guidance of professionally qualified personnel from business, industry, government, and University faculty supervisors.

398.12 PROFESSIONAL PRACTICE: INTERNSHIP IN ATHLETIC TRAINING 1-14 F,S,Summer*HPR 298.11, 298.12, 298.13, 298.14, 298.15 or**cons of inst; and 378.10. Sr standing req.*

Jointly planned and supervised internship cooperative education experience in Athletic Training under the guidance of NATA/ATC professionally qualified personnel in sports medicine clinics and other related agencies.

Recreation and Park Administration Courses

170 INTRODUCTION TO LEISURE

AND RECREATION 3 F,S

Nature, scope, and significance of recreation and leisure. Introduction to the professional areas of recreation and leisure delivery systems.

170.01 LABORATORY AND FIELD

EXPERIENCE IN RECREATION 1 F,S

HPR 170 conc reg req. May be repeated; max 2 hours.

Enhances understanding of leisure service delivery through direct exposure to a large variety of settings, clientele, and professionals.

171 RECREATION LEADERSHIP 3 F,S

HPR 170 and 170.01 or conc reg req. HPR 198.30 conc reg req.

Leadership skills in recreation, conducting and developing activities; utilizing group facilitation techniques.

175 LEISURE IN SOCIETY 3 F,S

Introduction of leisure in historical and contemporary perspectives. Relationships between leisure and other societal institutions. Determinants of leisure behavior.

198.30 PROFESSIONAL PRACTICE RECREATION LEADERSHIP 1 F,S

HPR 170 and 170.01 or conc reg req. HPR 171 conc reg req. Materials charge optional.

Application of recreation leadership knowledge and skills in practical situations within a leisure service delivery system.

270 RECREATION FOR PEOPLE WITH DISABILITIES 4 F,S

HPR 170, 170.01, 171, and 198.30 or cons inst req. Formerly 370. Lecture and lab. Materials charge optional.

Leadership, assistive techniques/devices and disability issues related to recreation programming for individuals with mental, physical, social and emotional limitations.

271 RECREATION PROGRAMMING 3 F,S

Maj in Rec; Min in Rec or Tourism and either HPR 170 or GEO 130 req.

Comprehensive recreation program design including planning, organizing, promoting, and evaluating programs in a variety of leisure service delivery systems.

273 INTRODUCTION TO THERAPEUTIC RECREATION 3 F

HSC 105; HPR 181 or 182 req. HPR 271 or cons inst req.

Foundation concepts of therapeutic recreation including history, social issues, professional issues, and basic program design.

275 PLANNING AND DESIGN OF RECREATION FACILITIES 3 F,S

HPR 271 req.

Techniques and principles of site planning, design, and development of facilities in parks and recreation settings.

276 COMMUNITY RECREATION 3 F

HPR 271 req. COM 110, ECO 105 rec. Materials charge optional.

Overview and investigation of the practices, strategies, and analysis of community-based leisure service delivery systems.

277 COMMERCIAL RECREATION AND TOURISM 3 F

HPR 271 req. ACC 131; ECO 105 rec.

Study of development, management, and future of profit-motive recreational agencies emphasizing employment possibilities.

278 THERAPEUTIC RECREATION SERVICE DELIVERY 3 F

HPR 271 and 273 req or cons inst req.

Design of comprehensive and specific intervention programs used in the delivery of therapeutic recreation services. Focus on accountability and evaluation.

279 THERAPEUTIC RECREATION CLIENT DOCUMENTATION 3 S

HPR 278 or cons inst req. Formerly PRINCIPLES OF THERAPEUTIC RECREATION.

Focus on systematic and accountable client documentation (assessment, treatment plans, progress notes, discharge/referral summaries) for therapeutic recreation intervention programs.

295 HONORS SEMINAR 1 F,S

Advanced readings and critical discussion of recreation with broad areas of concern in social, philosophical, and scientific bases.

298.30 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN RECREATION AND PARK ADMINISTRATION 3 F,S,Summer

HPR 271 or cons inst req. Jr standing rec. Materials charge optional.

Application of knowledge and skills in recreation programming to practical situations within a leisure service delivery system.

298.31 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN COMMERCIAL RECREATION 3 F,S,Summer

HPR 271 or cons inst req. Jr standing rec. May be repeated.

Application of knowledge and skills in recreation programming to practical situations within commercial, tourism, or travel recreation delivery systems.

298.32 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN THERAPEUTIC RECREATION 3 F,S,Summer

HPR 271 or cons inst req. Jr standing rec. May be repeated.

Application of knowledge and skills in recreation programming to practical situations within a therapeutic recreation service delivery system.

298.33 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN PROGRAM MANAGEMENT 3 F,S,Summer

HPR 271 or cons inst req. Jr standing rec. May be repeated.

Application of knowledge and skills in recreation programming to practical situations within a public or non-profit recreation delivery system.

- 298.35 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN CAMPING AND OUTDOOR LEADERSHIP** 3 F,S,Summer
HPR 271 or cons inst req. Jr standing rec. May be repeated.

Application of knowledge and skills in recreation programming to practical situations in camping and outdoor leadership environments.

- 359 CAMP LEADERSHIP PRACTICUM WITH THE DISADVANTAGED CHILD** 3 Summer
Cons inst req. Students are req to live at the camp during the practicum. May be repeated.

Practical experiences in camp counseling and administration in a resident group setting with disadvantaged children.

- 371 OUTDOOR RECREATION** 3 S
HPR 271 req.

Overview of outdoor recreation concepts and management principles.

- 373 LEISURE EDUCATION AND FACILITATION TECHNIQUES** 3 S
HPR 273 or cons inst req. Lecture and lab.

Advanced study of leisure education models and concepts; application and understanding of facilitation techniques in therapeutic recreation services.

- 374 ADVANCED RECREATION PROGRAMMING** 3 S
HPR 298.30; 273, 276 or 277 or cons inst req. ACS 150 or 155.01 rec. Fieldwork req.

Application of recreation programming principles to a field setting which includes assessment, planning, organizing, implementing and evaluation functions.

- 375 ADMINISTRATION OF RECREATION AND PARKS** 3 F,S
HPR 271 or cons inst req; 298.30 rec. Formerly RECREATION AND PARK ADMINISTRATION.

Administrative/management functions in the operation of organized recreation and leisure delivery systems.

- 376 EVALUATING AGENCY SERVICES** 3 F,S
HPR 271 or cons inst req. Materials charge optional.

Use and methods of evaluation, including conceptualization, implementation and report preparation, with application to leisure service delivery systems.

- 377 PRACTICES AND ISSUES IN COMMERCIAL RECREATION** 3 S
HPR 277 or cons inst req. Materials charge optional.

Analysis of selected practices, issues, and current trends confronting commercial recreation business enterprises.

- 378.30 PROFESSIONAL ISSUES IN RECREATION AND PARK ADMINISTRATION** 3 F,S
Constitution Examination req. University Writing Examination req. HPR 298.30. Sr standing req.

In-depth analysis of selected trends, issues, problems confronting leisure service and recreation practitioners in contemporary settings, and professional practice selection.

- 381 SPECIAL STUDIES IN RECREATION, TOURISM, AND SPORT** 1-3 F,S
Cons inst req. May be repeated; max 6 hrs. Formerly SPECIAL STUDIES IN RECREATION AND TOURISM.

Special work in research interests of students and faculty. Projects must be approved by the instructor.

- 398.30 PROFESSIONAL PRACTICE: INTERNSHIP/ COOPERATIVE EDUCATION IN RECREATION AND PARK ADMINISTRATION** 1-12 F,S,Summer
HPR 378.30 req.

Supervised in-service practice under the guidance of professionally qualified personnel in leisure service agencies and University faculty.

HEALTH SCIENCES (HSC) 522

Moulton Hall, (309) 438-8329

Chairperson: Marilyn Morrow.
Tenured/Tenure-track Faculty:
Professor: Bierma.

Associate Professor: Kelley, Micke, Morrow.

Assistant Professors: Bellinger, Broadbear, Byrns, Hentzen, Janicak, Jin, Keyser, LaFollette, Monteressi, Temple, Van Draska, Waterstraat.

General Department Information

HONORS IN HEALTH SCIENCES

The Department offers honors study to qualified students who will pursue an individualized course of study. To qualify, students must be full-time declared majors in the Department, have completed 60 hours of credit, have and maintain a minimum cumulative 3.3 GPA, have and maintain a 3.5 GPA in the major, and have completed 9 hours in the major. To graduate with honors, students must complete 12 hours of honors work in professional courses in the major selected from the following options; participation in Honors Undergraduate Research and/or Honors Independent Study and/or in-course Honors. Students interested in the Honors Program should contact the departmental advisor.

Clinical Laboratory Science Program

Degree Offered: B.S.

Clinical laboratory scientists work as a part of the medical team. They analyze body fluids and perform tests using highly specialized equipment to diagnose diseases and monitor treatment. They are largely employed in hospitals and private clinical laboratories and industry.

Admission/Retention Requirements:

Entering freshmen desiring admittance to the Clinical Laboratory Science program must meet the admission requirements established by the University. Transfer students and students currently enrolled at the University who wish to be admitted to the program must 1) have a minimum cumulative GPA of 2.5 and a C or better in required classes, 2) provide an updated transcript of all college courses, and 3) complete a personal interview with the program director or Department acad-

emic advisor. Students should plan their specific program of study in consultation with the Department advisor. Seminars and independent study are available for students desiring additional study in the field.

Students apply for acceptance into an affiliated hospital for the Clinical Experience. Students must have maintained a cumulative 2.5 GPA to apply for the clinical residency. The experience involves technical instruction in hematology, clinical chemistry, blood banking, pathogenic microbiology and other aspects of laboratory medicine. Graduates of the program are eligible to write a national certification examination. Refer to the current CLS handbook for more information.

MAJOR IN CLINICAL LABORATORY SCIENCE

- 74 hours as specified below.
- Required courses (19 hrs): HSC 260, 261, 262, 301, 302, 304, 308 and clinical rotations either as:
Track 1 (27 hrs): HSC 332, 333, 334, 335, 336, 337, 338, 339 or
Track 2 (27 hrs): HSC 312, 315, 316, 317, 318, 319, 325, 398.22, 398.23, 398.24, 398.25, 398.27, 398.28, 398.29.
- Required courses outside Health Sciences (28 hrs): BSC 203, 260, 283 or 219; CHE 141, 220, 242.
- Required General Education courses (14 hrs): MAT 120; CHE 140; BSC 196, 197.
- Strongly recommended courses: HSC 105, 160, 204, and a computer course.
- **NOTE:** This major may require more hours than indicated due to prerequisites or lack of prior skill.

Environmental Health Programs

Degree Offered: B.S.

Environmental Health professionals work to manage our surroundings to protect the environment and human health. Employed primarily in industry or public health departments, they perform inspections, prepare enforcement reports, do field sampling/testing, present information to the public, administer and plan activities, and direct investigative programs.

Admission/Retention Requirements:

Entering freshmen are admitted to the Environmental Health program if they meet University admission requirements. Transfer students and students currently enrolled at the University should see the Department academic advisor for admission. A minimum cumulative GPA of 2.0 is required for admission and retention in the program.

Accreditation:

The program is accredited by the National Environmental Health Science and Protection Accreditation Council.

MAJOR IN ENVIRONMENTAL HEALTH

- 39 hours in Health Sciences required.
- Required courses (15 hrs): HSC 145, 204, 249, 258, 355.
- Professional Practice (9 hrs): 398.01 or 398.51.
- Group 1 elective courses (15 hrs): HSC 246, 247, 248, 252, 254, 257, 322, 350, 359.
- Group 2 (additional) elective courses (6 hrs): HSC 156, 190, 271, 287, 291, 292, 370, 383, 381; BSC 202, 361; CHE 215, 242, 280; HPR 181; GEO 105, 276, 360.

- Required courses outside of HSC (15 hrs, excluding Required General Education courses): CHE 141, 220; HPR 182; MAT 119.
- Required General Education courses (17 hrs): BSC 160; CHE 140; MAT 120 or 145; PHY 105 or 108.
- **NOTE:** BSC 202 and HSC 156 will not count toward General Education credit.

MINOR IN ENVIRONMENTAL HEALTH

- 15 hours in Health Sciences required.
- Required courses (9 hrs): HSC 145, 156, 248.
- Elective courses (6 hrs): HSC 246, 247, 249, 252, 254, 257, 322, 350, 359, 383.
- Required courses outside of Health Sciences: (15 hrs): BSC 160; CHE 140, 141; MAT 119 or 120 or 145.
NOTE: BSC 160, CHE 140, MAT 120 and 145 are General Education courses.
- **NOTE:** HSC 156 will not count toward General Education credit.

Health Education Program

Degrees Offered: B.A., B.S., B.S. in Ed.

Health Educators are people working with people. They work in schools or community settings. They promote positive health behaviors by giving presentations, planning and implementing programs, preparing newsletters/brochures, assessing individual health needs, teaching and training, coordinating community/school efforts, and acting as a resource person. Every Health Education major completes a core of 21 hours and either a sequence in school health education or community health education.

Admission/Retention Requirements:

Entering freshmen and transfer students desiring admittance to the Health Education program must meet the admission requirements established by the University. Students currently enrolled at the University who wish to be admitted to the program must have a minimum cumulative GPA of 2.0. Students may pursue a school health education program leading to teacher certification or a community health education program.

Selective Admission For The School Health Education Sequence In Health Education:

All Health Education majors planning to become certified teachers must apply for and be admitted to the University's Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission, students must have verified the following:

1. Completion of a program application and projected program plan with departmental advisor.
2. A minimum cumulative and major GPA of 2.5 including Professional Education courses.
3. Recommendation for admission to Teacher Education by Health Education faculty.

Selective Retention For The School Health Education Sequence In Health Education:

In order to receive departmental approval for the student

teaching assignment the student must verify the following:

1. Maintain a minimum cumulative and major GPA of 2.5 including Professional Education courses.
2. Completion of all core, required and elective components of the program.
3. Recommendation from the Teacher Education Coordinator following completion of the Clinical Experience in HSC 391.

CLINICAL EXPERIENCES IN SCHOOL HEALTH EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MAJOR IN HEALTH EDUCATION

- 53 total hours (School Health Education) or 54 total-hours (Community Health Education) required.
- Required core courses (21 hrs): HSC 190, 290, 292, 296, 297, 390; SOC 123.

Health Education majors must also complete either the School Health Education Sequence or the Community Health Education Sequence.

School Health Education Sequence:

This sequence is part of the program leading to a 6-12 secondary certificate.

- Required courses (6 hrs): HSC 387, 391 (3 hrs).
- Elective (3 hrs): 1 course selected from: FCS 102; HPR 113; HSC 394; PSY 112 or 113, 232, 305; SOC 210, 212, 262, 264, 341.
- Students must complete an education minor, the Professional Education requirements (23 hrs) as described in the Teacher Education requirements section of this Undergraduate Catalog and the General Education requirements. A 2.50 major and minor GPA required for admission to Teacher Education and for student teaching.
- **NOTE:** This major does not meet middle-level endorsement requirements for the State of Illinois. See advisor for information on this endorsement.

Community Health Education Sequence:

- Required courses (24 hrs): BSC 145; HSC 204, 286, 395, 396, 398.02.
- Electives (9 hrs) chosen in consultation with an advisor from the following: FCS 102; HPR 113; HSC 394; PSY 112 or 113, 232, 305; SOC 210, 212, 262, 264, 341.
- 2.5 major GPA prior to the semester of enrollment in HSC 398.02.

MINOR IN HEALTH EDUCATION

Minor in School Health Education:

- 26 hours required.
- Required courses (23 hrs): HSC 190, 290, 292, 296, 297, 390, 391 (2 hrs); SOC 123
- Electives (3 hrs): FCS 102; HPR 113; HSC 394, 387; PSY 112 or 113, 232, 305; SOC 210, 212, 262, 264, 341.

Minor in Community Health Education:

- 24 hours required.
- Required courses (15 hrs): HSC 190, 290, 292, 296, 297.
- Electives (9 hrs): 3 courses from: FCS 102; HPR 113; HSC 286, 390, 394, 395, 396; PSY 112 or 113, 232, 305; SOC 210, 212, 262, 264, 341. Six (6) hours must be from Health Sciences (HSC) courses and at least 3 of those six (6) hours must be at the 300-level. Other advanced-level Health Sciences courses may be substituted as electives with consent of Health Sciences advisor.

Health Information Management Program

Degree Offered: B.S.

Health information managers are professionals responsible for the management of health data and health information systems in health care organizations and organizations that use health data. They ensure data quality; code and classify data; maintain data security and privacy; design, implement and manage health information systems; evaluate medical care data to monitor quality and risk; and manage support personnel.

MAJOR IN HEALTH INFORMATION MANAGEMENT

Admission/Retention Requirements:

Entering freshmen are admitted to the Health Information Management Program if they meet University admission requirements. Transfer students and students currently enrolled at the University should see the Department academic advisor for admission. A minimum cumulative GPA of 2.0 is required for admission and retention in the program. Students must have a grade of C or better in BSC 181 and 182 or HPR 181 and 182 and HSC 105 to enroll in major HIM classes. Graduates of the program are eligible and expected to write the National Registration Examination. Those who pass the registration examination are entitled to use the designation RH1A (Registered Health Information Administrator) after their name.

- Prerequisite courses (17 hrs): BSC 181 and 182 or HPR 181 and 182; ECO 101 or 103 or 105; HSC 105, MQM 240.

- Major courses (55 hrs): HSC 200, 201, 202, 204, 210, 212, 213, 214, 230, 300, 310, 320, 340, 345, 346, 398.03; MQM 220, 323.
- Recommended course: ACS 168.

Accreditation:

The program is accredited by the Commission on Accreditation of Allied Health Education programs in cooperation with the Council on Accreditation of the American Health Information Management Association.

Safety Program

Degree Offered: B.S.

Safety professionals are concerned with reducing economic or human losses due to accidental mishap. They investigate accidents, conduct safety training sessions, develop written documents, determine costs benefit analysis, and inventory hazardous materials. They work with major manufacturers, governmental agencies, construction and insurance companies.

Admission/Retention Requirements:

Entering freshmen are admitted to the Safety program if they meet the admission requirements established by the University. Transfer students and currently enrolled students at Illinois State University should see the Department academic advisor for admission. A minimum cumulative GPA of 2.0 is required for admission and retention in the program.

Professional Affiliation:

Professional affiliation is with the American Society of Safety Engineers, Central Illinois Chapter, Illinois State University student section.

MAJOR IN SAFETY

- 39 hours in Health Sciences required.
- Required Courses (21 hrs): HSC 248, 271, 359, 370, 380, 381, 382.
- Professional Practice (6 hrs): 398.04 or 398.52
- Four elective courses selected from the following (12 hrs): HSC 272, 372, 378, 383, 384, 385, 388, HPR 342**
- Required courses outside of Health Sciences (8 hrs): CHE 220, IT 130.
- Required General Education courses: MAT 120, CHE 110/112, PHY 105 or 108, MQM 100 or ECO/GEO/POS/PSY 138.

**HPR 181 is a prerequisite for HPR 342 (elective course)

MINOR IN SAFETY

- 21-22 hours in Health Sciences required.
- Required courses (9 hrs): HSC 271, 370, 381.
- Elective courses selected from the following (12 hrs): HSC 248, 272, 359, 372, 378, 380, 382, 383, 384, 385.
- Required courses outside of Health Sciences (13-14 hrs): CHE 110, 112; MAT 120; PHY 105 or 108.

Health Sciences Courses

105 MEDICAL TERMINOLOGY 3 F,S
Study of basic language related to medical science and allied health specialties with emphasis on word analysis, construction, definitions, pronunciation, spelling, and standard abbreviations.

145 ENVIRONMENTAL HEALTH PRACTICE 3 F,S
Maj, min or cons inst req. Formerly 245.
Introduction to problem-solving and critical thinking tools and skills used in the practice of environmental health.

156 ENVIRONMENTAL HEALTH IN THE 21ST CENTURY: MEETING THE GLOBAL CHALLENGE OC-KD/SMT 3 F,S
Inner Core req. Not for cr if had HSC 155.
Application of scientific methods of inquiry to understand environmental problems as they affect public health and personal well-being.

160 INTRODUCTION TO CLINICAL LABORATORY SCIENCE 2 F,S
Profession of Clinical Laboratory Science emphasizing origin, goals, organizational structure, professional requirements, interrelationships with other professions, professional ethics, and considerations for future.

170 SAFETY AND SOCIETY OC-DKCC/SS 3 F,S
Inner Core req.
Examines the impact of the social sciences upon safety and accident prevention. Focuses on cultural influences from a global perspective.

171 PRINCIPLES OF ACCIDENT PREVENTION 3
Overview of the broad accident problem and underlying factors and theories of accident causation and prevention.

176 INTRODUCTION TO MOTORCYCLE SAFETY 1 S
Not for cr maj/min.
Classroom and laboratory experiences provide basic knowledge, skills, and techniques necessary for the safe operation of a motorcycle.

190 FOUNDATIONS OF HEALTH EDUCATION 3 F,S
Health Ed maj/min only.
The historical and philosophical perspectives of the development of Health Education. A comparison of the major concepts and theories of health and characteristics of health education programs in schools and communities.

194 HEALTHFUL FAMILY LIVING 2 F,S
Introduction to the health of the family as illustrated through illness patterns, stress, abuse, and health behavior.

196 DRUGS IN LIFESTYLES 2 F,S
Human, social, and cultural issues surrounding the problems of drug abuse. Personal motivations and behaviors are identified.

200 HEALTH INFORMATION**TECHNOLOGY 3 S***HSC 105, 201 and 210 req. Maj only. Materials charge optional. Formerly HEALTH INFORMATION MANAGEMENT.*

Understanding the role and requirements of information technology in health information management.

201 PATHOPHYSIOLOGY I 3 F*Grade of C or better in HSC 105 req; BSC 181 and 182 or HPR 181 and 182 req. HCS maj only. Formerly FUNDAMENTALS OF MEDICAL SCIENCE I.*

Study of human disease processes, including the diagnosis, treatment and management of patients.

202 PATHOPHYSIOLOGY II 3 S*HSC 201 req. Formerly FUNDAMENTALS OF MEDICAL SCIENCE II.*

Continuation of HSC 201.

204 HEALTH DATA ANALYSIS 3 F,S,Summer*HCS maj only. Materials charge optional.*

Theory and practice of analysis and presentation of data for management and research in the Health Sciences.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES**OC-DKCC/SMT 3 F,S***Inner Core req. MC-IS category req. Also offered as FCS/HPR 208.*

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

210 INTRODUCTION TO HEALTH**INFORMATION MANAGEMENT 3 F***Materials charge optional.*

Introduction to health information management policies and practices including health data types, standards, collection, quality, registries, access and retention.

212 HEALTH DATA CLASSIFICATION AND INDEXING SYSTEMS 3 S*HSC 201 and 210 req.*

Introduction to the application of diagnosis and procedure classification systems and indexing systems.

213 ADVANCED APPLICATIONS OF HEALTH DATA CLASSIFICATIONS AND INDEXING SYSTEMS 3 F*HSC 202, 212, and 398.03 req.*

Application of advanced concepts in classification and indexing systems including quality and performance monitoring.

214 ALTERNATIVE CLASSIFICATION SYSTEMS 2 S*HSC 213 req.*

Application of various ambulatory and specialized diagnosis and procedure classification systems utilized in alternative health care settings.

230 LEGAL ASPECTS OF HEALTH INFORMATION AND RISK MANAGEMENT 2 S*HSC 105 and 210 or cons inst req. Maj only. Formerly LAW, HEALTH CARE AND DOCUMENTATION.*

Review and application of laws, policies, procedures and practices applying to the legal aspects of health information and risk management.

246 PESTS AND PEST CONTROL 3 F*CHE 140 and HSC 145 req.*

Environmental health hazards caused by pests of public health significance, including identification, correction, and prevention of pest problems.

247 WASTE MANAGEMENT PRACTICES 4 F*MAT 119; CHE 140 and 141, 220; HSC 145 req. Lecture and lab. Materials charge optional.*

Sewage, solid, and hazardous waste sources; effects on health and environment, treatment processes, and control measures.

248 OCCUPATIONAL HEALTH 3 F,S*CHE 110 and 112 or CHE 140; MAT 119 or 120 or 145 req.*

Adverse environmental conditions encountered in the workplace affecting the efficiency, health, and well-being of employees.

249 ENVIRONMENTAL TOXICOLOGY 3 F*MAT 120 or 145; CHE 140, 141 and 220; HPR 182 and HSC 145 req.*

Toxicants such as heavy metals, gases, vapors, dusts, pesticides, food additives, and their effects on health and environment.

252 WATER QUALITY AND TREATMENT 3 S*MAT 120 or 145; CHE 140 and 141; HSC 145; BSC 160 or equiv req. Lecture and lab. Materials charge optional.*

Water quality maintenance for drinking and recreational uses; health effects and control measures are considered.

254 CONTROL OF INSTITUTIONAL**ENVIRONMENTS 3 F***CHE 140 and 141; HSC 145; BSC 160 or equiv req. Lecture and lab. Materials charge optional.*

Environmental health aspects of hospitals, nursing homes, penal institutions, schools, colleges and universities. Control of physical, chemical and microbiological hazards.

257 AIR QUALITY AND POLLUTION CONTROL 3 S*CHE 140, 141 and 220; MAT 119; HPR 182; HSC 145 req. Lecture and lab. Materials charge optional.*

Air contaminants found in the ambient air, workplace, and home, including health effects, measurement, and control.

258 EPIDEMIOLOGY 3 S*MAT 119; BSC 160 or 260; HSC 145 and 204 req.*

Principles and methods governing the surveillance and investigation of disease and injury in human populations.

260 INTRODUCTION TO THE MEDICAL LABORATORY: IMMUNOHEMATOLOGY AND SEROLOGY 4 F*BSC 197 and CHE 220 or cons inst req; Lecture and lab. Materials charge optional.*

Basic principles and procedures of immunohematology (blood banking) and serology.

261 INTRODUCTION TO THE MEDICAL LABORATORY: HEMATOLOGY 3 F*CHE 220; enr in Clin Lab Sci program or cons inst req. Lecture and lab. Materials charge optional.*

Study of the formed elements of the blood. Basic morphological changes due to disease are studied.

262 INTRODUCTION TO THE MEDICAL LABORATORY: APPLIED CLINICAL ANALYSIS 3 F*CHE 220; enr in Clin Lab Sci program or cons inst. Lecture and lab. Materials charge optional.*

The principles and procedures of chemical analysis of body fluids in the clinical laboratory. The use of clinical instrumentation is stressed.

271 SAFETY TECHNOLOGY 3 F,S

CHE 102 or CHE 110 and 112; MAT 120 or 145 req.

Controlling production costs due to accidents. Addresses legislation, worker's compensation, hazard recognition, and safety planning. Includes basic engineering solutions.

272 CONSTRUCTION SAFETY 3 F,S

MAT 120 req.

Addresses employee safety training requirements, record-keeping, hazard recognition, safety inspections, and program planning in the construction industry.

286 NEEDS ASSESSMENT IN HEALTH EDUCATION 3 S

HSC 190 req. Health Ed maj/min only.

Emphasis on procedures which identify Health Education priorities of populations in various settings. Examination of health needs of select populations.

290 STRATEGIES IN HEALTH EDUCATION 3 F,S

HSC 190 req. Computer skills rec. Inc Clin Exp: 5 hrs, Type 1, 3, 5. Maj/min only.

Examination of the educational process, methods, strategies, and techniques in Health Education, communication techniques and current resources.

292 COMMUNITY PUBLIC HEALTH 3 F,S

HSC 190 or cons inst req. Maj/min only.

Introduction to community public health at local, state, and national levels. Includes emphasis on community health problems, institutions and resources.

296 CONCEPTS IN HEALTH EDUCATION 3 F,S

HSC 190 req. Maj/min only.

An examination of health determinants, major theories, and models of health behavior. Application to Health Education programming will be emphasized.

297 MODERN HEALTH PROBLEMS 3 F,S

Health Ed maj/min only.

Emphasis on recent developments in selected critical health areas and their application to individual health habits and attitudes.

300 HEALTH INFORMATION SYSTEMS 3 F

HSC 200 and MQM 240 req. Maj only. Formerly MEDICAL INFORMATION SYSTEMS DESIGN.

Management and analysis of health data using health information systems.

301 INTRODUCTION TO COAGULATION AND HEMOSTASIS 2 S

HSC 261 req. Materials charge optional. Formerly 361, IML-COAGULATION AND HEMOSTASIS.

Principles and test procedures related to blood coagulation and hemostasis. Correlation of test results in disease states.

302 CLINICAL INSTRUMENTATION 2 Summer
HSC 262 or cons inst req. Formerly HSC 362, CLINICAL BIOCHEMISTRY.

Fundamental principles and theory of clinical instrumentation.

304 CLINICAL URINALYSIS AND BODY FLUID ANALYSIS 2 Summer
HSC 261 and 262 req. Lecture and lab. Materials charge optional. Formerly 364, CLINICAL URINALYSIS AND MICROSCOPY.

Lecture and laboratory experience in routine urinalysis, special urine procedures and body fluids. Basic microscopy and maintenance is also discussed.

308 INTRODUCTION TO CLINICAL MICROBIOLOGY 3 S
BSC 260 req. Lecture and lab. Formerly HSC 368, CLINICAL MICROBIOLOGY. Materials charge optional.

Survey of medical microbiology with emphasis on common pathogens. Included are taxonomy, identification, culture methods, procedures and antibiotic susceptibility testing.

310 HEALTH INFORMATION MANAGEMENT SEMINAR 2 S
HSC 213, 345 and 346 req. Maj only.

Literature survey and intensive exploration of issues, problems and trends in the health information management.

CLS CLINICAL STUDIES F,S,Summer

MAT 120; BSC 196, 197, 203, 219 or 283, 260; CHE 140, 141, 220, 242 req. HSC 260, 261, 262, 301, 302, 304, 308, or conc reg req. Cons Program Dir req. Acceptance into an affiliated hospital. Evidence of health/professional liability insurance req. Hepatitis B vaccination req. Additional information is available in the Clinical Laboratory Science Program Student Handbook. Students must complete an entire set of clinical study courses (track 1 or 2) to be eligible for national certification:

Track 1: 2-semester clinical study (27 hrs): HSC 332, 333, 334, 335, 336, 337, 338, 339 or

Track 2: 1-semester clinical study with alternative course work (27 hrs): HSC 312, 315, 316, 317, 318, 319, 325, 398.22, 398.23, 398.24, 398.25, 398.27, 398.28, and 398.29.

312 CLINICAL BIOCHEMISTRY 3 F,S,Summer
HSC 262; BSC 203; MAT 120 or cons inst req. Formerly 362, CLINICAL BIOCHEMISTRY.

Concentrated laboratory instruction and theoretical applications of clinical biochemistry. Current testing procedures, method comparison, and quality assurance are studied.

315 CLINICAL PARASITOLOGY AND MYCOLOGY 2 S

HSC 308 req. Formerly 365, CLINICAL PARASITOLOGY.

General techniques for identification of clinically significant parasites and yeast. Morphology, symptomology, and epidemiology are stressed.

316 CLINICAL LABORATORY SCIENCE: SPECIAL TOPICS 1 F,S,Summer
HSC 260, 261 and 262 or cons inst req. Formerly 366, SPECIAL TOPICS.

Current topics and trends in clinical laboratory science. May include ethics, regulatory issues, new technologies, education and management strategies.

317 CLINICAL HEMATOLOGY 2 F,S,Summer
HSC 261 req. Formerly 367, CLINICAL HEMATOLOGY.

Study of blood cells under normal and stress conditions. Clinical correlation of test results and disease are emphasized.

318 CLINICAL MICROBIOLOGY 2 F,S,Summer
HSC 308 and BSC 260 req. Formerly 368, *CLINICAL MICROBIOLOGY*.

Comprehensive medical microbiology with emphasis on characterization of less common pathogens, interpretation of clinical data and etiology.

319 CLINICAL IMMUNOHEMATOLOGY 3 F,S,Summer
HSC 260 and BSC 219 or 283 req. Formerly 369, *CLINICAL IMMUNOHEMATOLOGY*.

Immunohematology theory and practice, including blood group study, compatibility testing, hemolytic disease of the newborn, blood transfusions and component preparation.

320 ORGANIZATION AND MANAGEMENT OF HEALTH INFORMATION SERVICES 3 S
HSC 230, 300, 345 and 346; MQM 323 req. Maj only.

Managerial decision making for planning, organizing, staffing, directing and controlling the functions, operations and resources of a health information department.

322 POLLUTION PREVENTION 3 F
MAT 119; CHE 220; and HSC 145 req.

Basic methods in pollution prevention as applied to industrial and nonindustrial settings.

325 LABORATORY EDUCATION AND MANAGEMENT 2 S
HSC 260, 261 and 262 or cons inst req. Formerly HSC 366, *SPECIAL TOPICS*.

Foundation concepts of education and management, with emphasis on philosophies, methods and techniques for professional application with practicum.

332 APPLIED CLINICAL BIOCHEMISTRY 1-7 F,S,Summer
HSC 302 req. Lecture and lab in a clinical setting. Formerly HSC 362, *CLINICAL BIOCHEMISTRY*.

Concentrated laboratory instruction in clinical biochemistry. Current testing procedures, instrumentation and quality assurance are studied.

333 APPLIED CLINICAL SEROLOGY AND IMMUNOLOGY 2 F,S,Summer
HSC 260 and 308 req. Lecture and lab in clinical setting. Formerly 363, *CLINICAL SEROLOGY AND IMMUNOLOGY*.

Concentrated laboratory instruction in a clinical serology and immunology. Current testing procedures, instrumentation and quality assurance are studied.

334 APPLIED CLINICAL URINALYSIS 1 F,S,Summer
HSC 304 req. Clinical lab only. Formerly, HSC 364, *CLINICAL URINALYSIS AND MICROSCOPY*.

Concentrated laboratory instruction in routine and special urinalysis procedures.

335 APPLIED CLINICAL PARASITOLOGY AND MYCOLOGY 2 F,S,Summer
HSC 308 req. Lecture and lab in a clinical setting. Formerly 365, *CLINICAL PARASITOLOGY*.

Concentrated laboratory instruction in the identification of clinically significant parasites and fungi.

336 CURRENT ISSUES IN CLINICAL LABORATORY SCIENCE 1 F,S,Summer
HSC 260, 261 and 262 or cons inst req. Lecture and lab in a clinical setting. Formerly HSC 366, *SPECIAL TOPICS*.

Current topics and trends in clinical laboratory science. Emphasis on concepts of education and management for professional application.

337 APPLIED CLINICAL HEMATOLOGY 1-4 F,S,Summer
HSC 261 and 302 req. Lecture and lab in a clinical setting. Formerly 367, *CLINICAL HEMATOLOGY*.

Concentrated laboratory instruction in a clinical hematology and coagulation. Current testing procedures, instrumentation and quality assurance are studied.

338 APPLIED CLINICAL MICROBIOLOGY 1-6 F,S,Summer
HSC 308 req. Lecture and lab in a clinical setting. Formerly 368, *CLINICAL MICROBIOLOGY*.

Concentrated laboratory instruction in clinical microbiology, including identification of pathogens, culture methods, procedures, antibiotic testing and interpretation of clinical data.

339 APPLIED CLINICAL IMMUNOHEMATOLOGY 1-4 F,S,Summer
HSC 260 req. Lecture and lab in a clinical setting. Formerly 369, *CLINICAL IMMUNOHEMATOLOGY*.

Concentrated laboratory instruction in blood bank. Current testing procedures, donor collection, preparation of blood components and quality assurance are studied.

340 TRENDS IN HEALTH CARE DELIVERY 3 S
HSC 210 and 213 req. Maj only.

Review of emerging nontraditional and specialized health care facilities including organization characteristics, accreditation standards, regulatory requirements and health information applications.

345 QUALITY MANAGEMENT IN HEALTH CARE 3 F
HSC 204,210, and 212 or cons inst req. Maj only. Formerly *QUALITY ASSURANCE IN HEALTH CARE*.

Review and application of strategies to investigate, identify, assess, resolve and monitor performance using health data.

346 HOSPITAL BUDGETING PROCEDURES 3 F
HSC 212 and 200 or cons inst req. Maj only.

Systematic study of hospital planning; coordination of resources and expenditures; reimbursement methods.

350 FOOD PROTECTION 3 S
HSC 145; CHE 140 and 141; BSC 160 or equiv req. Lecture and lab. Materials charge optional.

An intensive study of the laws, principles, and techniques applied in the protection of food and milk for human consumption.

355 ENVIRONMENTAL HEALTH DECISION PROCESSES 3 F,S
HSC 145 req. Sr maj in Env Health program or cons inst.

An intensive study of the decision making techniques, organizational structure, interagency relationships, program methodologies, and legal aspects of environmental health practice.

- 359 INDUSTRIAL HYGIENE** 3 F,S
CHE 220; HSC 248; MAT 120 or 145 req. Lecture and lab. Materials charge optional. Formerly *QUANTITATIVE OCCUPATIONAL HEALTH*.

Techniques for measurement, evaluation, and control of chemical and physical hazards in occupational environments.

- 370 INDUSTRIAL ACCIDENT PREVENTION** 3 F,S
HSC 271, PHY 105 or 108 req.

Principles, responsibilities, and techniques for developing, organizing, implementing, and administering an industrial safety program.

- 372 ACCIDENT INVESTIGATION, RECORDS, AND EVALUATION** 3 F
PHY 105 or 108; HSC 271 or conc reg req.

Theory and function of accident investigation, reporting, and analysis systems. Form design and utilization and cost-evaluation procedures.

- 378 DISASTER PREPAREDNESS** 3 S
CHE 110/112; MAT 120 or 121 or 145.

Organizing, directing, coordinating disaster services in schools, industry, and local government. Includes a hands-on disaster exercise.

- 380 FIRE PROTECTION AND PREVENTION** 3 F,S
HSC 370; PHY 105 or 108; MAT 120 or 145 req.

Measures related to safeguarding human life and preservation of property in prevention, detection, and extinguishing fires.

- 381 OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)** 3 F,S
MAT 120 or 145; HSC 271 and 370 or conc reg or cons inst req.

Interpretation of the provisions of the Occupational Safety and Health Act. The regulations, standards, and reporting requirements pursuant to it.

- 382 SAFETY PERFORMANCE CONTROL** 3 F,S
HSC 370; MQM 100 or ECO/GEO/POS/PSY 138 req.

Development of specialized knowledge and skills in problem-solving; evaluation and implementation of occupational safety programs.

- 383 AGRICULTURAL ACCIDENT PREVENTION** 3 F
CHE 110 or 140, or cons inst req. Half-day field trip req. Also offered as AGR 383. Formerly 373.

Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement of countermeasures.

- 384 HAZARDOUS MATERIALS REGULATION** 3 F
CHE 220; HSC 271 req.

Overview of federal and state safety and environmental regulations dealing with hazardous materials in the workplace and community.

- 385 SYSTEM SAFETY MANAGEMENT AND ENGINEERING** 3 S
HSC 370, HSC 204 or MQM 100 or ECO/GEO/POS/PSY 138 req.

Application of principles of system analysis, hazard analysis, fault tree analysis and other safety techniques.

- 387 PROGRAMS IN SCHOOL HEALTH** 3 F
HSC 290 and 292 req.

Comprehensive school health education with major topics of health education, school health programs, and school community collaboration.

- 388 DIRECTED PRACTICE IN OCCUPATIONAL SAFETY** 3
HSC 271, 370, and 381 req. Safety majors only.

Application of occupational safety principles and techniques in the industrial, insurance, and business environments. Field trips and seminars utilized.

- 390 DRUGS IN SOCIETY** 3 F,S
Health Ed maj/min only. Jr/sr standing req.

Psychological, social, medical, legal, and economic aspects of use, misuse, and abuse of substances will be explored along with the implications for education and prevention.

- 391 CURRICULUM AND EVALUATION IN SCHOOL HEALTH** 2-3 F, Summer
HSC 290, C&I 216 req. Adm to Teacher Ed req. Health Ed maj req to take 3 hrs in spring; Incl Clin Exp: 35 hrs, Type 1,2,4. Health Ed minor and other teaching maj should enroll for 2 hrs in fall or summer. Formerly 288, *SCHOOL HEALTH*.

School health education standards, curriculum development and evaluation, student assessment and accommodation for student with special needs.

- 394 HEALTH ASPECTS OF AGING** 3 S
Also offered as FCS 394.

Characteristics of the aging process and factors influencing adaptation and the quality of living.

- 395 MEDIA AND MATERIALS IN HEALTH EDUCATION** 3 F
HSC 286 and 290 req. HSC maj only.

Analysis and development of print and non-print materials and their use by health educators.

- 396 HEALTH EDUCATION PROGRAM PLANNING AND EVALUATION** 3 F
HSC 286 and 290 req. HSC maj only.

Theory and application of Health Education planning and promotion. Grantsmanship and evaluation will be emphasized.

- 398.01 PROFESSIONAL PRACTICE: ENVIRONMENTAL HEALTH INTERNSHIP** 3-12 F,S, Summer
Cons program dir req. May be repeated; max 12 hrs.

Internship in a governmental, industrial, or institutional organization, providing on-the-job training and introduction to a career in environmental health.

- 398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN HEALTH EDUCATION** 9 S, Summer
2.5 maj GPA; HSC 395 and 396 req.

Extended in-service experience under the guidance of qualified personnel in Health Education.

- 398.03 PROFESSIONAL PRACTICE: HEALTH INFORMATION MANAGEMENT: CLINICAL INTERNSHIP AND RESIDENCY** 2-6 F,S, Summer
Maj only and cons program director req. Evidence of health insurance and professional liability insurance req.

Rotation and project assignments in medical record centers in Illinois area health facilities.

**398.04 PROFESSIONAL PRACTICE: INTERNSHIP
IN SAFETY 6-12 F,S,Summer**
*HSC 271, 370, 381 req. Sr standing req. 2.0 maj GPA
req. Safety majors only. Formerly IT 398.01.*

Planned and supervised work/study experiences in local and state business, industries, and governmental agencies engaged in loss prevention.

**398.22 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
BIOCHEMISTRY 2 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.23 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
SEROLOGY 1 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.24 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE: URINALYSIS
AND BODY FLUIDS 1 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.25 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
PARASITOLOGY 1 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.27 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
HEMATOLOGY 2 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.28 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
MICROBIOLOGY 3 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.29 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
IMMUNOHEMATOLOGY 2 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

INDUSTRIAL TECHNOLOGY (IT) 510

210 Turner Hall, (309) 438-3661

Chairperson: Rodney L. Custer.

Tenured/Tenure-track Faculty:

Distinguished Professor: Loepp.

Professors: Brauchle, Campbell, Liedtke, Lockwood, Quane, Stier, Wiens.

Associate Professors: Boser, Brown, Custer, Daugherty, Gokhale, Meier.

Assistant Professors: Bajere, Duvel, Reifschneider, Weisenmiller.

General Department Information

Industrial Technology is defined as the creative, systematic application of knowledge utilizing human and natural resources involving tools, equipment, techniques, processes,

procedures, scientific principles, and management skills to produce and distribute goods, services and information to cope with change or to control environmental conditions and their effect on society and culture.

Industrial Technology students are required to select one of the following technology programs: B.S. in Industrial Technology, B.S. in Technology Education. Students selecting the B.S. in Industrial Technology are required to select one of the following sequences: General Technology, Construction Management, Industrial Computer Systems, Integrated Manufacturing Systems, or Printing Management and Imaging Technologies.

HONORS IN INDUSTRIAL TECHNOLOGY

The Department offers honors work in the different departmental programs to majors who have completed 60 semester hours with a cumulative 3.5 GPA. Students interested in the program should see the departmental honors advisor. Requirements for honors for the Industrial Technology Honors Program are available in the departmental Office, 210 Turner Hall.

Honor students who are majoring in Industrial Technology degree programs may enroll in sections of courses labeled "Majors Only." General students and all other majors should select sections of courses that are not designated for majors only.

Technology Programs

Degree Offered: B.S.

MAJOR IN INDUSTRIAL TECHNOLOGY

General Technology Sequence:

The General Technology Sequence is a management-oriented technical curriculum related to the processes, products, and problems of industry which draws much of its content from construction management, industrial computer systems, integrated manufacturing systems, and/or printing management and imaging technologies. Students are required to complete a second major, a minor, or an approved articulated Associate in Applied Science Degree in order to increase their breadth and employability. The sequence and second major, minor or approved articulated Associate in Applied Science Degree selected depend on the goals of the students. (Examples that complement Industrial Technology include a minor in Business Administration or Applied Computer Science, or an approved articulated Associate in Applied Science Degree in a field such as automotive technology.)

- 61-65 hours required.
- 17 hours in General Education: MQM 100; PSY 110; CHE 102*; MAT 120*; PHY 105*
- 20 hours in Industrial Technology core: IT 100, 111, 116, 311, 313; ACS 155.02; PSY 230.
- The following courses from 1 of these 4 sequences: **Construction Management Sequence (24 hours):** IT 120, 222, 224, 226, 323, 325, and 394 or 398 (4 hrs); **HSC 272; Industrial Computer Systems Sequence (25 hours):** IT 151, 216, 283, 284, 319, 383, and 390 or 398 (4 hrs); **HSC 271; Integrated Manufacturing Sequence (27 hours):** IT 130, 216, 240, 263, 292, and

392 or 398 (4 hrs), and 233 or 285; **HSC 271; Printing Management and Imaging Technologies Sequence (22 hours):** IT 150, 250, 253, 257, 356 or 398 (4 hrs), **HSC 271** and 2 of the following: 350, 351, 352, or 353.

- A transfer student with industrially-oriented courses in areas such as automation, automotive, electronics, or robotics may have up to 12 hours of technical courses approved by departmental evaluation.
- Students must complete a minor or another major or an approved articulated Associate in Applied Science Degree.

Construction Management Sequence:

Construction Management is an interdisciplinary curriculum that provides a background in construction administration, construction technology, architectural and engineering principles, applied science, and mathematics. The goal of the Sequence is to prepare construction professionals capable of managing projects to completion from plans prepared by design professionals. Course work emphasizes the allocation of labor, equipment, and material to construction projects in order to achieve completion at maximum efficiency of time and cost. The program focus is on production rather than design, and management capabilities rather than craft skills. Graduates are prepared to assume leadership positions for constructors involved in residential and light-commercial. Initial employment positions may include: field supervision, project management, estimating, and scheduling. Positions are also available in related areas such as construction financing, product sales, quality control, and safety management.

- 72 hours required.
- 17 hours in General Education: MQM 100; PSY 110; CHE 102*; MAT 120*; PHY 105*.
- 23 hours in Industrial Technology core: IT 100, 111, 116, 311, 313; ACS 155.02; HSC 272; PSY 230.
- 26 hours of required sequence courses: IT 120, 121, 222, 224, 225, 226, 323, 325, and 394 or 398.02 (4 hrs) or 398.52 (4 hrs).
- 6 hours of sequence elective courses selected from the following: IT 211, 223, 292, 322, 326.

Industrial Computer Systems Sequence:

Industrial Computer Systems is an interdisciplinary curriculum that provides a background in computer technology, software, programming, information imaging, and other industry-related technologies. The goal of the Sequence is to prepare professionals for the management and supervision of technical computer systems in industrial settings. Course work emphasizes the use of computer systems to provide students with a diverse technical and professional background in communications, networking, interfacing, and electronic principles related to industrial computer systems.

- 71 hours required.
- 17 hours in General Education: MQM100; PSY 110; CHE 102*; MAT 120*; PHY 105*.
- 23 hours in Industrial Technology core: IT 100, 111, 116, 311, 313; ACS 155.02; HSC 271; PSY 230.
- 25 hours of required sequence courses: IT 143, 151, 216, 283, 284, 319, 383, and 390 or 398.02 (4 hrs) or 398.52 (4 hrs).
- 6 hours of sequence elective courses selected from the following: ACS 165, 168, 254; IT 120, 130, 150, 211, 212, 234, 240, 244, 250, 263, 285, 317, 318, 352.

Integrated Manufacturing Systems Sequence:

Integrated Manufacturing Systems is an interdisciplinary curriculum that provides experiences in the following areas: Product Design, Process and Production Control, or Industrial Plastics. The goal of the Sequence is to prepare professionals capable of managing projects and processes in industrial settings. Course work emphasizes the management of people, processes, and materials through hands-on activities. Initial employment opportunities include: production management, product design, quality control support, technical sales, and product research and development.

- 72 hours required.
- 17 hours in General Education: MQM 100; PSY 110; CHE 102*; MAT 120*; PHY 105*.
- 23 hours in Industrial Technology core: IT 100, 111, 116, 311, 313; ACS 155.02; HSC 271; PSY 230.
- 20 hours of required sequence courses: IT 130, 216, 240, 263, 292, and 392 or 398.02 (4 hrs) or 398.52 (4 hrs).
- 12 hours of sequence elective courses selected from one of the following concentrations: **Plastics Technology, Production and Process Control, or Product Design.** Students should see the department advisor for specific course recommendations: IT 212, 213, 233, 234, 244, 284, 285, 315, 317, 318, 319, 334, 345, 346, 384, 385, 387, and 388.

Printing Management and Imaging Technologies Sequence:

Printing Management and Imaging Technologies is a management-oriented technical curriculum related to the processes, products and opportunities within the diverse printing, publishing and packaging industries. Students will practice systematic and creative applications of knowledge, human and natural resources, tools and equipment, and techniques related to the production management of printed and electronic images. The goal of the sequence is to prepare professionals to enter the field in positions including mid-managers, quality control specialists, technical sales, estimators, customer service representatives, and production operations managers.

- 71 hours required.
- 17 hours in General Education: MQM 100; PSY 110; CHE 102*; MAT 120*; PHY 105*.
- 23 hours in Industrial Technology core: IT 100, 111, 116, 311, 313, ACS 155.02; HSC 271; PSY 230.
- 25 hours of required sequence courses: IT 150, 250, 253, 257, 354, and 356 or 398.02 (4 hrs) or 398.52 (4 hrs). Students must also select from 2 of the following: IT 350, 351, 352, 353.
- 6 hours of sequence elective courses selected from the following: IT 283, 312, 314, 350, 351, 352, 353, 356, 383, 398; FIL 208; MQM 227.

MINOR IN INDUSTRIAL TECHNOLOGY

- 36 hours required.
- 11 hours in General Education: CHE 102*; MAT 120*; PHY 105*.
- 17 hours in Industrial Technology core: IT 111, 116, 311; ACS 155.02; HSC 271 or 272.

- 9 hours of additional courses from one of the following sequences:

Construction Management:

- IT 120, 222, 224, 226.

Industrial Computer Systems:

- IT 143, 151, 216, 283, 284.

Integrated Manufacturing Systems:

- IT 130, 216, 240, 263, 292.

Printing Management and Imaging Technologies:

- IT 150, 250, 253, 257.

DOUBLE MAJOR

Degree Offered: B.S.

NOTE: Only core courses and acceptable substitutions (ACS 155.02; CHE 102*; HSC 271; IT 100, 111, 116, 311, and 313; MAT 120*; MQM 100; PHY 105*; PSY 110 and 230) may be used to meet the requirements for a double major or minor in Industrial Technology.

***Allowable substitutions for required courses:**

- Acceptable substitutions for CHE 102 are CHE 110 and 112, or CHE 140.
- Acceptable substitution for MAT 120 is MAT 145.
- Acceptable substitutions for PHY 105 are PHY 108 or PHY 110.

MAJOR IN TECHNOLOGY EDUCATION

Technology Education includes: (1) a study of the concepts practiced in modern technological systems of energy utilization, communication, production, and transportation; (2) the development of cognitive, psychomotor, and affective skills in these four areas related to the use of tools, materials, processes, resources, techniques, scientific principles, work (skill and organization), and products as well as their impacts on society; and (3) the professional competencies of planning, executing and evaluating instruction. The following requirements are part of the entitlement program leading to certification; Secondary 6-12. Initial employment opportunities include: Junior High/Middle School Technology Teacher (middle school endorsement also requires PSY 302 and C&I 233), High School Technology Teacher, Vocational/Trade School teacher, School District Technology Coordinator, Community/Junior College Instructor, Industrial Trainer/Instructor.

- 27-28 semester hours of required technical core courses: IT 101, 111, 116, 120, 130 or 131, 150, 275 (cannot count as fulfillment of General Education), 201, and ACS 155.02, with a GPA of 2.5 in these courses.
- 20 semester hours of additional Industrial Technology sequence courses with at least 9 hours beyond the required courses, in at least 1 of the following State Endorsement Areas: Construction Management, Energy Utilization, Printing Management and Imaging Technologies, Transportation, Integrated Manufacturing Systems, Industrial Computer Systems, Drafting/Design with a GPA of 2.5 in these courses.
- 30 semester hours Professional Education courses that include: PSY 215, EAF 231 (EAF 228 or EAF 235 may also be used to meet this requirement), C&I 214, C&I 215, C&I 216, IT 203, STT 399.33. All courses must be completed with a grade of C or better. Successful completion of 100 clinical hours required before student teaching.

MINOR IN TECHNOLOGY EDUCATION

- 34 semester hours required.
- 24-25 semester hours of required technical core courses: IT 101, 111, 116, 130 or 131, 150, 201, 275, ACS 155.02. In order to teach, students completing a minor in technology education must complete a sequence of professional education coursework and student teaching in another teacher certification endorsement area.
- 9 semester hours of major specialization courses from one (1) of the following groups:

Construction Management:

- IT 120, 222, 224, 226.

Industrial Computer Systems:

- IT 143, 151, 216, 283, 284.

Integrated Manufacturing Systems:

- IT 130, 216, 240, 263, 292.

Printing Management and Imaging Technologies:

- IT 150, 250, 253, 257.

Energy Utilization:

- IT 240, 244, 263, 345.

Drafting and Design:

- IT 211, 212, 213, 216, 315, 317, 318.

Transportation:

- IT 201, 287.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Industrial Technology Courses

- 100 INTRODUCTION TO INDUSTRIAL TECHNOLOGY** 1 F,S
Materials charge optional.

Study of Industrial Technology, programs in the department, and career opportunities in Technology Education and Industrial Technology.

- 101 INTRODUCTION TO TEACHING TECHNOLOGY** 3 F,S
Incl Clin Exp. Formerly INTRODUCTION TO TEACHING IN INDUSTRIAL EDUCATION.

Methodological insights and understanding for teaching technical subject matter; emphasis on observing programs, developing, conveying and evaluating technology-based curricula.

- 110 INTRODUCTION TO MICROCAD** 1 F,S
Not for cr maj/min. Lecture and lab.

Computer-assisted drawing using microCAD software to introduce basic command usage and procedures for graphic representation and drawing creation.

- 111 FOUNDATIONS OF INDUSTRIAL TECHNOLOGY** 4 F,S
PHY 105 or conc reg req. Lecture and lab.

Principles of electrical, electronic, mechanical, and fluid power components and systems as they apply to industrial applications.

- 116 TECHNICAL DRAWING** 3 F,S
ACS 155.02 or conc reg req. Lecture and lab. Formerly IT 210.

Studies in graphical representation of technical ideas according to industry standards; emphasis on sketching, computer-aided drafting, and blueprint reading.

- 120 INTRODUCTION TO BUILDING CONSTRUCTION** 3 F,S
Formerly CONSTRUCTION PROCESSES AND MATERIALS. Materials charge optional.

Introduction to the principles, practices, and materials used in residential and light-commercial construction.

- 121 CONSTRUCTION METHODS** 2 F,S
Lecture and lab. Materials charge optional.

Applications of the principles, practices, and materials used in residential and light-commercial construction.

- 130 INTRODUCTION TO MANUFACTURING PROCESSES** 3 F,S
Materials charge optional.

Secondary material processes including industrial machinery usage and study in the areas of forming, casting, separating, joining, and conditioning.

- 131 INTRODUCTION TO MANUFACTURING MANAGEMENT** 2 F,S
Lecture and lab. Materials charge optional.

Introduction to manufacturing organization and management with lab.

- 143 INTRODUCTION TO DATA COMMUNICATIONS** 3 F,S
MAT 120 or 145 req. Lecture and lab. Formerly INTRODUCTION TO ELECTRONIC DATA COMMUNICATIONS.

Overview of the fundamentals, concepts, and theory of basic electronics essential to telecommunications systems.

- 150 FUNDAMENTALS OF PRINTING AND IMAGING TECHNOLOGIES** 3 F,S
Lecture and lab. Formerly FUNDAMENTALS OF PRINTING TECHNOLOGY. Materials charge optional.

Introduction to the vocabulary, tools, materials, and processes of graphic production utilized in the printing, publishing, and packaging industries.

- 151 INTRODUCTION TO INDUSTRIAL COMPUTER SYSTEMS** 3 F,S
Lecture and lab. Formerly INTRODUCTION TO INDUSTRIAL COMPUTER APPLICATIONS. Materials charge optional.

Study and use of basic methods, materials, software and equipment used in industrial computer applications for imaging, graphics, and communications.

- 175 LIVING IN A TECHNOLOGICAL WORLD** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. Also offered as SOC 175. May not be taken under the CT/NC option.

Interdisciplinary course that analyzes social change through the lens of technology.

- 201 TEACHING TRANSPORTATION TECHNOLOGY** 3 S
IT 101 or demonstrated equiv competencies req. IT 111 and 116 or conc reg req. Lecture and lab.

Instruction and practice developing and teaching transportation technology curricula, understanding teacher roles, acquiring transportation background knowledge, and teaching strategies.

- 203 COMPETENCIES FOR TEACHING** 4 S
CR/NC only. IT 101 and 275 req. C or better in C&I 216 or PSY 215 or conc reg req. Incl Clin Exp. Conc reg in Student Teaching and Adm to Teacher Ed req.

Curriculum planning, teaching, and evaluation strategies, and professionalism for Technology Education teachers.

- 211 ARCHITECTURAL DRAFTING** 3 F,S
IT 110 or 116 req. Lecture and lab. Materials charge optional.

Problem approach to architecture; emphasis on residential planning and construction. Laboratory devoted to development of working drawings.

- 212 MACHINE DESIGN** 3 F
IT 116 and 111 or conc reg req. Lecture and lab. Materials charge optional.

Theoretical principles and conventional practices used in the design of machines and machine elements.

- 213 GRAPHICAL ANALYSIS FOR DESIGN** 3 S
IT 116 and 111 or conc reg req. Lecture and lab. Materials charge optional.

Graphical techniques used to design, analyze, and produce product designs for manufacturing and construction. Includes computer modeling/finite element analysis.

- 216 COMPUTER-AIDED DESIGN AND DRAFTING** 3 F,S
IT 116 and 111 or conc reg req. Lecture and lab. Materials charge optional.

Use, evaluation, and development of computer-aided design and drafting software, hardware, and systems for mechanical design and manufacturing applications.

- 222 MECHANICAL SYSTEMS FOR BUILDINGS** 3 F
IT 111 and 116 or conc reg req; 120 and 121 req. Lecture and lab. Materials charge optional.

Introduction to design and operation of heating, ventilating, air conditioning, solar, and plumbing systems, equipment, materials, methods, and codes.

- 223 SURVEYING AND BUILDING LAYOUT** 3 F
IT 120 and 121 req. MAT 120 or 144 or 145 req. Lecture and lab.

Integration of project control and layout, various reports, logs, and diaries, shop drawings, and as-built records with construction management systems.

- 224 CONCRETE STRUCTURES AND FOUNDATIONS** 3 F,S
IT 120 and 121 req. Lecture and lab. Formerly IT 324.

Principles, methods, and materials used in concrete and masonry structures and the affect of soil characteristics on foundation design.

- 225 CONSTRUCTION EQUIPMENT MANAGEMENT** 3 S
IT 111 and 116 or conc reg req. IT 120 and 121 req; Lecture and lab.

Equipment management related to residential and light-commercial construction.

- 226 CONSTRUCTION CONTRACTS AND LAW** 2 S
IT 120 req.

Duties, rights, and liabilities of all parties to a construction contract.

- 233 MACHINE TOOL TECHNOLOGY** 4 F,S
IT 111 and 116 or conc reg req. IT 130 req; Lecture and lab. Materials charge optional.

Basic machine tool theory and practice; saws, drilling machines, lathes, shapers, milling machines, surface grinders, metrology, heat treatment.

- 234 COMPUTER NUMERICAL CONTROL IN MANUFACTURING** 4 F,S
IT 233 req. Lecture and lab. Formerly NUMERICAL CONTROL IN MANUFACTURING. Materials charge optional.

The study of Computer Numerical Control (CNC) programming, equipment, and applications in manufacturing.

- 240 AC/DC CIRCUIT ANALYSIS** 4 F,S
IT 111 and 116 or conc reg req. Lecture and lab. Materials charge optional.

AC/DC electrical and magnetic circuits, emphasizing passive components both resistive and reactive.

- 244 DIGITAL ELECTRONICS** 3 F
Demonstrated equiv competencies req. Lecture and lab. Materials charge optional.

Operation, characteristics, and applications of discrete and integrated solid state devices in selected digital circuits.

- 250 ELECTRONIC IMAGING TECHNOLOGIES** 3 S
IT 150 req. Lecture and lab. Formerly THE GRAPHIC ARTS PROCESSES. Materials charge optional.

Instruction and practice in current methods of page layout, image editing/processing, and graphic illustration for prepress production.

- 253 PHOTOMECHANICAL AND DIGITAL IMAGING SYSTEMS** 3 F
IT 250 req. Lecture and lab. Formerly PHOTOMECHANICAL PROCESSES. Materials charge optional.

Methods and techniques of black and white imaging including halftones, tone reproduction and manipulation, densitometry, scanning and digital photography.

- 257 IMAGE TRANSFER TECHNOLOGIES** 3 S
IT 150 req. Lecture, labs and field trips. Materials charge optional.

Theory and practice in placing analog and digital images on substrates; investigation into management issues related to producing printed materials.

- 263 FLUID POWER MECHANICS** 3 F,S
IT 111 and 116 or conc reg req. Lecture and lab. Materials charge optional.

Operating principles and applications of hydraulic and pneumatic components, power systems, and control systems.

- 275 TECHNOLOGY AND QUALITY OF LIFE** OC-DKCC/SMT 3 F,S
Inner Core req. MC-QR or MC-IS category req.

Future-oriented course that analyzes the interface of technology with social forces that cause social change and affect quality of life; includes technological assessment.

- 283 INFORMATION AND IMAGING TECHNOLOGIES** 3 F,S
IT 111 and 116 or conc reg req. IT 143 and 151 req. Lecture and lab.

The identification, use, and integration of information processing technology including fax, modems, video capture, scanners, and personal communications devices.

- 284 TECHNICAL COMPUTER APPLICATIONS** 3 F,S
IT 111 and 116 or conc reg req. IT 151 req. Lecture and lab. Materials charge optional.

Principles and applications of digital computers in the solution of industrial production and control problems.

- 285 INDUSTRIAL PLASTICS** 4 F,S
IT 111 and 116 or conc reg req. IT 130 req. Lecture and lab. Materials charge optional.

Resins, processing, fabrication; injection molding, extrusion, rotational molding, foaming, thermoforming, identification and testing.

- 292 MATERIALS TECHNOLOGY** 3 F,S
IT 111 req. Lecture and lab. Materials charge optional.

Introduction to engineering materials, statics, strength of materials, and standardized testing procedures for determining mechanical and physical properties.

- 306 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS** 3 S
Also offered as BTE/FCS 382. Inc Clin Exp.

Coordination techniques needed for high school and post-secondary teacher-coordinators in integrating classroom activities with daily employment.

- 311 MANAGING INDUSTRIAL OPERATIONS** 3 F,S
MQM 100; PSY 230; and completion of 75 hrs req.

Principles, practices, and methods used to plan, organize, and manage a sequence of industrial operations used to produce a product.

- 312 FACILITIES PLANNING** 2 F
MAT 120 or 144 or 145 req; jr standing req.

Industrial/manufacturing facilities planning including space requirements, machine arrangements, flow lines, and environmental features.

- 313 STATISTICAL QUALITY CONTROL** 3 F,S
MQM 100 req; MAT 120 or 144 or 145 req; 8 hrs in an IT seq req.

Use of statistical methods involving control charts, paretos, histograms, scattergrams, flow charts, and problem-solving techniques to manage and improve quality.

- 314 ADVANCED QUALITY CONCEPTS FOR INDUSTRY** 3 F,S
IT 313 req.

Total quality management concepts/techniques to organize and lead a technical enterprise.

- 315 COMPUTER-AIDED DESIGN FOR MANUFACTURABILITY** 3 S
IT 130 and 216 req. Lecture and lab. Formerly COMPUTER-AIDED DESIGN AND MANUFACTURING

Design decisions and product manufacturability interaction, concurrent engineering tools, database development, applications in electromechanical design, FMS, etc.

- 317 COMPUTER-AIDED RENDERING AND ANIMATION** 3 F,S
IT 211 or 216 req. Lecture and lab.

Using computer systems to create renderings and animated presentations of design ideas in an, industrial, or architectural setting.

- 318 PRODUCT MODELING AND ANALYSIS** 3 F,S
IT 213 and 216 req. Lecture and lab.

Surface and solid modeling of parts and assemblies; parametric/associative design; mass properties analysis; interfacing to manufacturing and analysis programs.

- 319 COMPUTER GRAPHICS** 3 F,S
IT 216 or demonstrated equiv competencies req. Lecture and lab.

Combination of graphic techniques and computer programming as means of industrial communication applied to solution and interpretation of technological problems.

- 322 BUILDING CODES AND INSPECTION** 2 S
IT 120 or 211 req. Lecture.

Analysis of model construction codes and their application and administration for minimum standards for public safety.

- 323 CONSTRUCTION ESTIMATING AND BIDDING** 3 F,S
IT 222, 224, and 225 req. Lecture and lab. Formerly CONSTRUCTION COST ANALYSIS. Materials charge optional.

Computerized and manual estimating, cost analysis, and bidding procedures in the residential and commercial construction industries.

- 325 CONSTRUCTION SCHEDULING AND FINANCE** 3 F,S
IT 222, 224, and 225 req. Lecture and lab.

Scheduling and finance of residential and commercial construction including types of schedules, critical path, logical networks, schedule of values, and resource allocation.

- 326 CONSTRUCTION FINANCE AND ACCOUNTING** 3 F
IT 226, 311; MAT 120 req.

Practical application of financial and accounting fundamentals specific to the construction industry.

- 334 INDUSTRIAL TOOL DESIGN AND FABRICATION METHODS** 4 F,S
IT 234 req. Lecture and lab. Formerly AUTOMATION SYSTEMS IN MANUFACTURING. Materials charge optional.

Introduction to production tooling and plastics mold-making practices.

- 345 INDUSTRIAL PROCESSOR CONTROL** 3 S
IT 240 and 263 or demonstrated equiv competencies req. Lecture and lab. Materials charge optional.

Reprogrammable and pneumatic logic automated control systems for industrial production processes.

- 346 MICROPROCESSOR SYSTEMS** 4 F,S
ACS 155.02; IT 244 req. Lecture and lab. Materials charge optional.

Theory and application of the internal workings of microprocessors, microcomputers, and special application microprocessors.

- 349 TECHNICAL WRITING II** 3 F,S
ENG 249 or grad standing req. Also offered as ENG 349. Materials charge optional.

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication.

- 350 THE FLEXOGRAPHIC PRINTING INDUSTRY** 3 F
IT 250, 253, 257 req. Lecture, lab and field trips. Materials charge optional.

Methods, techniques and management practices utilized in the flexographic printing industry.

- 351 ADVANCED IMAGE TRANSFER SYSTEMS** 3 F
IT 250, 253, 257 req. Lecture, lab, and field trips. Formerly IMAGE CARRIERS AND IMAGE TRANSFER. Materials charge optional.

Advanced image transfer techniques including process color reproduction; printing inks and substrates and finishing methods.

- 352 ADVANCED PRE-PRESS TECHNIQUES** 3 S
IT 250, 253, 257 req. Lecture, labs and field trips. Formerly CHARACTER GENERATION. Materials charge optional.

Utilization of advanced pre-press methods and technologies in the creation and management of print media.

- 353 COLOR REPRODUCTION TECHNIQUES** 3 S
IT 250, 253, 257 req. Lecture, labs and field trips. Formerly COLOR SEPARATION. Materials charge optional.

Theory of color and color reproduction in the graphic arts; techniques in color separation, color correction, scanning, imaging and proofing.

- 354 MANAGING PRINTING AND IMAGING TECHNOLOGIES** 3 F
2 of the following: IT 350, 351, 352, or 353 req. Formerly GRAPHIC ARTS MANAGEMENT.

Management of printing and imaging organizations with emphasis on human resources, leadership, supervisory skills, personnel management, and training.

- 356 MANAGING PRODUCTION IN PRINTING/IMAGING TECHNOLOGIES** 4 S
2 of the following: IT 350, 351, 352, or 353 req.

Controlling workflow of printed products, facility design, scheduling and cost estimating. Devices and procedures used to measure print quality.

- 383 TELECOMMUNICATIONS TECHNOLOGY** 3 F,S
ACS 155.01 or 155.02 or cons inst req. Lecture and lab.

Interfacing computers locally and through telecommunications networks. Identification of existing standards and hardware, and evaluation of specific interfacing needs.

- 384 PLASTICS MOLDING PROCESSES** 4 S
IT 285 req. Lecture and lab. Materials charge optional.

Advanced theory and practice related to plastics molding, process control, molds and dies, and auxiliary equipment.

- 385 REINFORCED PLASTICS** 4 F,S
IT 285 req. Materials charge optional.

Advanced theory, practical application of fiberglass, plastic resins, other materials in hand layup, spray up, filament winding and other common industrial techniques.

- 387 FORMING, EXPANDING AND FABRICATING PLASTICS** 4 F
IT 285 req. Lecture and lab. Materials charge optional.

Advanced study of solid and cellular plastics used for product development involving thermoforming, foam modeling, assembling, machining, and decorating.

- 388 PLASTICS PRODUCT DESIGN** 4 S
8 hrs from: IT 285, 384, 385, or 387 req. Lecture and lab. Materials charge optional.

Designing plastic tooling, fixtures, and industrial consumer products.

- 390 INDUSTRIAL COMPUTER APPLICATIONS** 4 S
IT 311 req; 9 hrs of advanced technical courses in industrial computer systems or cons inst req. Lecture and lab. Formerly MANAGEMENT AND DEVELOPMENT OF GRAPHIC COMMUNICATIONS. Materials charge optional.

Development of industrial computer applications using advanced principles and techniques - encoding, transmitting, receiving, storing of images/data in industrial applications.

- 392 INDUSTRIAL PRODUCTION** 4 S
IT 311 and 6 hrs of advanced technical core courses in the Integrated Manufacturing Systems Sequence and sr standing or cons inst req. Lecture and lab. Materials charge optional.

Industrial production systems including product, manufacturing, and plant engineering.

- 394 CONSTRUCTION MANAGEMENT AND ADMINISTRATION** 4 F
IT 226, 323, 325, and 500 hrs req. Construction experience or cons inst req. Lecture and lab. Formerly MANAGING ON-SITE CONSTRUCTION PRACTICES.

Project management and administrative techniques such as estimating, bidding, contracts, scheduling, finance, sub-contracting, and cost analysis and control.

- 398 PROFESSIONAL PRACTICE: INDUSTRIAL TECHNOLOGY 1-8 F,S**
IT 311 req. Jr/sr standing. Prior dept approval req. No more than 4 hrs may apply toward maj. May be repeated; max 16 hrs applicable toward graduation. 40 hrs practice per cr hr of internship; 120 hrs coop per cr hr.

Planned and supervised work-study experiences in local and state businesses, industries, and governmental agencies.

- 398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN TECHNOLOGY INDUSTRY**

- 398.52 PROFESSIONAL PRACTICE: COOP IN TECHNOLOGY OF INDUSTRY**

MILITARY SCIENCE DEPARTMENT (MSC) 502

ROTC Building, 211 North University, (309) 438-5408

Chairperson: LTC Nick Lilak

General Department Information

Military Science Programs

ROTC is a four year program designed to be completed concurrently with the student's academic degree. Students can complete the first two years of ROTC with absolutely no military service obligation. Veterans, National Guardsmen, Army Reservists, and students who complete a five week leadership camp at Fort Knox, Kentucky receive constructive credit for the first two years of ROTC, and can complete the ROTC program in as few as two school years.

Freshman through senior ROTC courses are offered every semester. These academic courses progress from introducing the student to the Army's mission and organization, studying leadership principles and traits, to teaching students the duties and responsibilities required of officers in the twenty first century. Each class has leadership laboratory that meets once a week. At lab, freshmen through senior students in the Redbird Battalion train on basic military skills and get the opportunity to perfect leadership skills through hands-on application. Some of the skills learned during lab include rappelling, water survival training, rifle marksmanship, first aid and CPR, map reading and land navigation, and basic tactics.

In addition to regular on-campus training and activities, ROTC offers exciting and challenging weekend field trips during the school year. Trips include a staff ride to Tippacanoe Battle Grounds, an orientation visit to Fort Knox, Kentucky, and trips to local national guard training areas to practice marksmanship, land navigation, and tactical skills.

FINANCIAL AID

Military Science students can receive outstanding financial aid through Federal and State Army ROTC scholarships.

Federal ROTC scholarships are awarded for a four, three, or two-year period. Students compete at the national level for these scholarships. Each scholarship can pay up to the full tuition and fees each semester, provide a book allowance of \$450 a year, and a tax free living allowance of \$200 a month, up to \$2000 during the school year.

State ROTC scholarships are awarded by the Professor of Military Science at Illinois State University. The Redbird Battalion awards forty of these scholarships each semester to students in the ROTC program. A student who receives a State ROTC scholarship may use its benefits for up to eight semesters. The scholarship pays full tuition and the general activity fee each semester.

Every ROTC advance course student (junior and senior ROTC students) receive the tax free living allowance of \$200 per month during the school year, regardless of their scholarship status.

EXTRACURRICULAR ACTIVITIES

Several clubs complement the ROTC academic curriculum, and help students enjoy their college experience more.

Ranger Club trains intensively on military skills such as land navigation, patrolling, and rappelling. They sponsor the annual Ranger Challenge competition in which a group of nine cadets are tested on individual and team military skills. The Illinois State University Ranger Challenge team competes with nineteen other university ROTC Ranger Challenge teams at Fort Leonard Wood, Missouri every October.

Rifle Club fires .22 caliber match rifles weekly at an indoor rifle range. They also participate in marksmanship competitions with other university ROTC programs during the school year.

The Redbird Honor Guard presents the national colors at home football and basketball games, as well as other local community events.

Association of the U.S. Army Club is the ROTC Social Club. The club allows cadets the chance to get together in an informal social atmosphere to discuss current leadership issues. The club also sponsors guest speakers for meetings throughout the school year.

CAREER OPPORTUNITIES

Students who complete the ROTC program receive a commission as a second lieutenant in the Army after graduation. The student has the option of serving in the National Guard or Army Reserve as a part time career, or on active duty in the Regular Army as a full time profession. ROTC graduates can also receive a minor in Military Science by applying through the Military Science Department.

Lieutenants in the Army lead people, while managing equipment, vehicle fleets, and financial resources. New lieutenants are routinely put in charge of and lead groups of up to thirty-five people immediately after graduation from college.

Officer career specialties in the Army are as diverse as our society. Some of the sixteen specialties students can request as an Army officer include: Engineering, Personnel Management, Nursing, Signal Corps, Finance, Transportation, Medical Service Corps, Military Police, and Aviation. Except for the health professions, an officer's specialty in the Army does not have to be related to his or her academic degree in college.

New lieutenants serve the Nation for eight years after graduation. Lieutenants who go into the Regular Army serve on active duty for three years, and may then transfer into the reserves. Lieutenants commissioned in the National Guard or Army Reserve serve their entire tour in the Reserves.

MINOR IN MILITARY SCIENCE

Admission into the Military Science Minor program is by permission of the Department Chairperson following a special interview concerning eligibility and entry requirements. Interested students should make arrangement for an interview as early as possible but not later than the second semester of their sophomore year.

- 34 hours required.
- Prerequisites (4 hrs): MSC 111 and 112; or satisfactory completion of Army Reserve Officers' Training Corps (ROTC) Basic Camp (may be taken for credit as MSC 203); or proficiency as approved by the Military Science Department Chairperson.
- Required courses (11 hrs): MSC 220, 221, 240, 241.
- History (3 hrs): HIS 278 or 279.
- Written Communications (3 hrs): ENG 145, 247 or 249.
- Human Behavior (3 hrs): PSY 111, 112, 131; SOC 106 or 131.
- Computer Literacy (3 hrs): ACS 140, 150, or 155.
- Math Reasoning (3 hrs): MAT 105, 120, or 121.
- Physical Education (4 hrs): HPR 146 (repeated 4 times conc with MSC 220, 221, 240 and 241).

Military Science Courses

101 INTRODUCTION TO LEADERSHIP: INDIVIDUAL EFFECTIVENESS 1 F

Introduction to leadership from perspective of the member of an effective organization. Self-enhancement skills such as time management techniques, problem solving and decision-making processes, and health enrichment actions.

102 INTRODUCTION TO LEADERSHIP: TEAMWORK 1 S

Basic leadership fundamentals, principles, and experiences. Relevant for all organizational leaders. Purpose is to examine how the individual organizational member and the team are affected by leaders and leadership decisions.

111 LAND NAVIGATION AND APPLIED LEADERSHIP 2 S

Map reading fundamentals; application of land navigation principles using the lensatic compass and terrain association. Provides opportunities to exercise leadership skills to meet established goals and objectives within specific time constraints.

112 AMERICAN LEADERSHIP: TRADITION AND CHANGE 2 F

Provides more in-depth and critical assessment of leadership within American society. Students are challenged to learn and apply leadership principles. Group research projects designed to research, examine, and analyze leaders and leadership within community context.

200 LEADERSHIP LABORATORY 0 F,S

Reg in AROTC Advanced Course req.

Provides development by practical application of the student's leadership characteristics through progressive training in leadership, drill, and command.

203 ROTC BASIC CAMP 6 Summer

Cons inst req. Not open to students who have completed MSC 101, 102, 111, and 112. CR/NC only.

Provides instruction and practical application on basic military concepts of map reading, tactics, principles of instruction, drill and ceremony. Training is presented off campus at Fort Knox, Kentucky.

220 ADVANCED LEADERSHIP AND TACTICS I 3 F

Cons inst req.

Provides general knowledge and understanding of advanced leadership principles, small unit offensive operations, land navigation, and the operating systems.

221 ADVANCED LEADERSHIP AND TACTICS II 3 S

Reg in AROTC and MSC 220 or cons inst req.

Provides knowledge and understanding of advanced combat leadership techniques, small unit defensive operations, patrolling, and land navigation.

240 ADVANCED APPLIED LEADERSHIP I 3 F

Reg in AROTC Advanced Course or cons inst req.

Fundamental concepts of military justice; principles of court-martial and non-judicial punishment; staff principles and procedures in the Army organizational structure.

241 ADVANCED APPLIED LEADERSHIP II 2 S

Reg in AROTC Advanced Course or cons inst req.

Introduction to professionalism and military professional responsibility. Provides students with a capstone experience in leadership studies before their transition to officership.

242 ROTC ADVANCED CAMP 6 Summer

Reg in AROTC Advanced Course req. CR/NC only.

Instruction and practical application in field training, demonstration of leadership capabilities, and leadership opportunities of problem analysis, decision making, and troop-leading. Training is presented off campus near Seattle, Washington.



COLLEGE OF ARTS AND SCIENCES

Dean: Paul T. Schollaert, 141 Stevenson Hall.

The College of Arts and Sciences provides the opportunity for a liberal education in addition to the attainment of career-oriented skills. The College includes the Departments of Biological Sciences, Chemistry, Communication, Economics, English, Foreign Languages, Geography-Geology, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Social Work, Sociology-Anthropology, and Speech Pathology and Audiology. The College offers the core of the General Education Program required of all undergraduates, a wide range of academic major and minor programs for meeting baccalaureate degree requirements, master's programs in most disciplines and doctoral programs in Biological Sciences, English Studies, Mathematics, and Psychology. Course offerings span the humanities, social and behavioral sciences, natural sciences, and mathematics.

ARTS AND SCIENCES PROGRAMS

MAJOR IN GENERAL STUDIES

Arts and Sciences Sequence:

This program is one of the sequences included in the Major in General Studies. See the Major in General Studies for admission procedures. For further information, contact the Academic Advisement Center, 340 Fell Hall.

The Arts and Sciences Sequence is designed for students wishing to pursue a baccalaureate degree with broad specialization in the liberal arts and sciences. The student chooses the focus of the major by determining the two or more departments around which to build the program. Students who complete the Arts and Sciences Sequence will earn a bachelor of arts or bachelor of science degree and have their transcripts noted: "Major in General Studies; Arts and Sciences Sequence."

- 120-hour graduation requirement, including the General Education Program requirements, and 42 senior-college (200- or 300-level) hours.
- An approved plan of study with a minimum of 36 hours from 2 specified Arts and Sciences departments, including 12 senior college hours (200- or 300-level) from each of the 2 departments, a maximum of 25 hours from any 1 of the departments, and a total of 96 hours from Arts and Sciences departments including General Education Program course work.

MINOR IN ENVIRONMENTAL STUDIES

A minimum of 22 hours is required, distributed as shown below. Students must take at least one course per core discipline area in *Group One*. To meet the remainder of the required hours, the student must choose at least one option under *Group Two*. For further information contact the Department of Economics.

Group One: Required Courses

Discipline Area	Core Course(s)
Biology	BSC 202
Health Sciences	HSC 155 or 156
Philosophy/History	PHI 236 or HIS 100
Geography-Geology/ Agriculture	GEO 205 or 276 or AGR 157 or 203
Economics	ECO 255 or 355
Political Science	POS 236 or 232

Group Two: Elective Courses

1. Students may choose any course listed under *Group One* in Geography-Geology/Agriculture, Economics, Philosophy/History or Political Science excluding any course(s) taken to fulfill the *Group One* requirement; or
2. AGR 234 or CHE 280; or
3. Students may choose to pursue an environmentally-based internship to partially or fully fulfill the elective requirement. Arrangement for and supervision of internship experience must be handled through the student's major department. To receive credit for this experience toward fulfilling the requirements of the Minor in Environmental Studies requires prior approval of the Coordinator of the Minor in Environmental Studies. A form requesting this credit is available from the Coordinator.

MINOR IN PEACE AND CONFLICT RESOLUTION STUDIES

Program Directors:

Joseph Grabill
Department of History
331 Schroeder Hall (309) 438-8120

Deborah Gentry
Department of Family and Consumer Sciences
302J Turner Hall (309) 438-7935

The Minor in Peace and Conflict Resolution Studies is an interdisciplinary program which includes courses from the five Colleges: Applied Science and Technology, Arts and Sciences, Business, Education, and Fine Arts.

The courses offer both Macro and Micro approaches. Macro approaches emphasize world conflict and order; ethnic and socioeconomic justice; multiculturalism; renewable economics; and ecodiversity. Micro approaches emphasize nonviolent ethics and conflict management; inner, aesthetic, and spiritual peace; interpersonal communication and relations; intergroup relations; and gender issues. Macro and Micro approaches are usually combined in any course; however, courses are categorized by priorities according to their Macro or Micro approaches.

- 24 hours required.
- Required core (6 hrs): IDS 111, 398.
- Choose 6 elective hours from inner core (3 hrs each from Macro and Micro): Macro (3 hrs): HIS 100, 268, 270; POS 151, 254, 293, 361; Micro (3 hrs): FCS 101, 131; PHI 244, 248.
- Choose 6 elective hours from Macro outer core: (3 hrs each from (a) College of Arts and Sciences and (b)

Courses other than College of Arts and Sciences). (a) Courses not previously selected under prior Macro course listing; ANT 180, 184; ECO 355; GEO 205; HIS 229, 230; POS 252, 313; SWK 160. (b) Courses not previously selected under prior Macro course listing; MQM 349; CJS 369; C&I 110; FIL 312; IDS 105; INB 190; MUS 156.

- Choose 6 elective hours from Micro outer core: (3 hrs each from (a) College of Arts and Sciences and (b) Courses other than College of Arts and Sciences). (a) Courses not previously selected under prior Micro course listing; COM 123, 223; ECO 327; PSY 131; SWK 170, 261. (b) Courses not previously selected under prior Micro course listing; ART 140, CJS 101; FCS 231, 309; IDS 120; MQM 221.
- **NOTE:** Students are encouraged to consult with an advisor regarding elective choices and information regarding Professional Practice (IDS 398).

Latin American Studies Program

No major offered. Further Information: Dean of the College of Arts and Sciences.

MINOR IN LATIN AMERICAN STUDIES

- 24 hours required.
- Required courses: 2 semesters of college-level Spanish (Spanish majors must take at least 9 hours of courses taught in Spanish concerning Latin America at the 200-level or above and cannot count 100-level Spanish courses toward the minor); IDS 110 (Introduction to Latin American Studies) and follow a planned course of study approved by the Latin American Studies advisor in which courses are elected in at least 3 different fields. Course work may be selected from the following: AGR 100; ECO 205, 210; FOR 218.15, 242.15, 331.15, 336.15; GEO 230; HIS 127, 263; POS 347.

This program must be planned in consultation with the Latin American Studies advisor. With the approval of the advisor, courses other than those listed above may be counted toward the minor. No more than two courses in the student's major field of study may be counted toward this minor.

Social Sciences Education Programs

Degrees Offered: B.A., B.S.

The Social Sciences Education Program is housed in the Department of History in cooperation with the Departments of Economics; Geography-Geology; Political Sciences; and Sociology-Anthropology. For further information contact the Department of History.

MAJOR IN SOCIAL SCIENCES EDUCATION

Admission Requirements:

Admission to the Program in Social Sciences Education may be restricted by the lack of available Department resources in times of over-subscription. A candidate for student teaching must maintain a 2.75 GPA in the major and overall by January 10 to student teach in the fall

semester, and by August 15 to student teach in the spring semester.

- 60 hours in Social Sciences.
- At least one 3-hour course to be taken from each of the 7 Social Sciences areas of American History, Anthropology, Economics, Geography, Political Science, Sociology and World History.
- 21 Social Sciences hours at the 200-level or above (as part of the 60 hours).
- No more than 3 hours of independent study, or 6 hours of Professional Practice, to be counted toward major requirements.
- At least three 3-hour courses in American History (including HIS 135 and 136 and any 200-level American history course) and three 3-hour courses in World History (HIS 101, 102, and any 200-level non-Western history course).
- Three 3-hour courses, one of which must be 200-level or above, must be taken from the prescribed choices in 2 additional Social Sciences areas leading to endorsement in those areas.
- At least one methods course (ECO/GEO/POS/PSY 138).
- Social Sciences Seminar capstone course (ECO 300.01; GEO 300.01; HIS 300.01; POS 300.01; or SOC/ANT 300.01).
- HIS 290 and 390. Part of entitlement program leading to certification; secondary 6-12.
- 24 hours in Professional Education (including student teaching).
- **Prescribed Choices in Endorsement Areas:**
 - Two of the following: ANT 100, 175, or 185; and any 200-level course.
 - ECO 103, 105, 138, 202, 215, 225.
 - GEO 135 or 140; 205; 211.
 - POS 101 or 105; 140 or 254; 221.
 - SOC 106 or 108; and any two 200 or 300-level courses.
- **NOTE:** Any General Education course may be used to meet the 45 hour requirement without regard for courses from a major department for students who are pursuing a Social Sciences Education major (an interdisciplinary major). Students will need to be cognizant of other Teacher Certification requirements.

Teacher Certification Sequence:

- Required courses: HIS 290, 390 as part of the requirements for the Social Science Program. Part of entitlement program leading to certification: secondary 6-12.
- 24 hours in Professional Education (including student teaching) required.
- Special requirements for admission to the Teacher Education program must be met prior to student teaching.
- **NOTE:** Any General Education course may be used to meet the 45 hour requirement without regard for courses from a major department for students who are pursuing a Social Science major (an interdisciplinary major). (Students should consult with the advisor to Social Sciences students in the Department of History to see which courses will meet requirements).
- **NOTE:** Social Sciences Education students will need to be cognizant of Teacher Certification requirements which require an emphasis in history.

Women's Studies (WS) Program 426

Rachel Cooper 237, Campus Box 4260, (309) 438-2947

Director: Valentine M. Moghadam

MINOR IN WOMEN'S STUDIES

The Minor in Women's Studies enhances any undergraduate major by integrating a working knowledge of gender issues with the student's field(s) of study. Women's Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gender implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications in scholarship, the marketplace, and personal growth and relationships. The 21 credit hours required for the minor are drawn from diverse academic disciplines. Four courses are required: WS 120 provides an overview of the historical and contemporary context of women's lives; ENG 160 explores literary works from the perspective of women's richly varied experience; HIS 250 surveys the historical experience of diverse groups of women in the United States; and PHI 246 examines feminist political theories addressing women's oppression. Students draw the remaining 9 hours from the electives listed on the following page.

- 21 hours required.
- Required courses: WS 120; ENG 160; HIS 250; PHI 246.
- 9 hours of additional courses from: ANT 270; CJS 339; ENG 260, 360; FCS 233; HIS 330; PHI 244; POS 225; PSY 123 or SOC 123; PSY 305; SOC 264, 341, 366; WS 390, 391, 398.
- NOTE: This program must be planned in consultation with the Women's Studies Director or advisor. With approval of the Director or advisor, courses other than those listed above may be counted toward the minor.

BIOLOGICAL SCIENCES (BSC) 412

210 Julian Hall, (309) 438-3669

Chairperson: Hou Tak Cheung.

Tenured/Tenure-track Faculty:

Distinguished Professors: Anderson, Brockman, Wilkinson.

Professors: Armstrong, Borst, Brown, Cheung, Julian, Katz, Kidder, Nadakavukaren, Phillips, Preston, Sakaluk, Thompson, Weber.

Associate Professors: Capparella, Jayaswal, McCracken, Otsuka, Riddle, Whitman.

Assistant Professors: Garri, Loew, Williams.

General Department Information

MINOR IN COGNITIVE SCIENCE

The Department of Biological Sciences participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the

Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Programs in this *Undergraduate Catalog*.

MINOR IN ENVIRONMENTAL STUDIES

The Department of Biological Sciences participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under Academic Programs and Courses in this *Undergraduate Catalog*.

HONORS IN BIOLOGICAL SCIENCES

Students majoring in Biological Sciences may be admitted to the Departmental Honors Program if they have: 1) completed at least 30 hours of college-level courses, including at least 2 courses in Biological Sciences, 2) a minimum of 3 semesters remaining before graduation, 3) a cumulative GPA of 3.3, 4) submitted to the Department Chairperson two letters of recommendation from faculty members, and 5) received admission approval from the departmental Honors Committee.

In order to graduate with honors in Biological Sciences, a student must complete: 1) all regular requirements for the Biological Sciences Major; 2) 1 year of a foreign language; 3) Mathematics through 2 semesters of calculus; 4) 12 hours of Biological Sciences on a tutorial basis (i.e., in-course honors) with a grade of A or B in each; 5) 3 hours of BSC 299; and 6) have at the time of graduation a cumulative GPA of at least 3.3 and at least 3.5 in Biological Sciences courses.

Biological Sciences Programs

Degrees Offered: B.S.

MAJOR IN BIOLOGICAL SCIENCES

- 37 hours in Biological Sciences required.
- Required courses: BSC 196, 197, 201, 203, 219, 297, and 304, with a minimum of 14 additional hours of which 8 hours must be laboratory courses. BSC 202, 307, and Biological Science courses below 195 may not be used in the major. A laboratory course in organic chemistry (220 or 230 and 231), a laboratory course in general physics (105, 108, or 110) and Mathematics through MAT 121 or through MAT 146 also are required. Majors planning to attend professional or graduate school might need to take a full year of both organic chemistry and physics.

Teacher Certification Sequence:

Students pursuing a Biological Sciences major may be certified to teach in the biological sciences (See option A following), and receive an endorsement in the physical sciences (See option B following).

Before being admitted to the University Teacher Education program (see University-wide Teacher Education program requirements in this *Undergraduate Catalog*), the Biological Sciences major must meet departmental requirements for admission. These include a minimum major GPA

of 2.5. Students should see the departmental Teacher Education advisor for information. The previously-stated requirements are part of the entitlement program leading to secondary 6-12 certification.

A. Biological Sciences Certification: A student completing these requirements can meet the minimum qualifications to teach the following subjects as defined by the State Board of Education, Document 1, 7-3.18, 7-3.19, and 7-3.20: Biology, Zoology, Botany, and General Science.

- 37 hours in Biological Sciences required.
- Required courses: BSC 196, 197, 201, 203, 219, 297, 304, and 307 with a minimum of 4 additional hours of Botany with lab, and 4 hours of Zoology with lab. BSC 202 and Biological Science courses below 195 may not be used in the major. Chemistry through a laboratory course in organic chemistry (220 or 230 and 231) and Mathematics through 121 or through 146 also are required.

B. Biological and Physical Sciences Certification: A student completing these requirements can meet the minimum qualifications to teach the following subjects as defined by the State Board of Education, Document 1, 7-3.18, 7-3.19, and 7-3.20: Biology, Botany, Zoology, Chemistry, Physical Science, and General Science.

- 37 hours in Biological Sciences required.
- Required courses: BSC 196, 197, 201, 203, 219, 297, 304, and 307 with a minimum of 4 additional hours of Botany with lab, and 4 hours of Zoology with lab. BSC 202 and Biological Science courses below 195 may not be used in the major. Also required are 14 hours in chemistry including a laboratory course in organic chemistry (220 or 230 and 231), 10 hours of general physics (108 and 109), and Mathematics courses through 121 or through 146.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN BIOLOGICAL SCIENCES

Biological Sciences Sequence:

- 24 hours in Biological Sciences required.
- Required courses: BSC 196 and 197.
- At least 12 of the elective hours must be 200- or 300-level courses. BSC 100 and 307 may not be used as electives in the minor.

MINOR IN BIOLOGICAL SCIENCES

For Teacher Education:

- 24 hours in Biological Sciences required including at least 8 hours of Botany with lab and 8 hours of Zoology with lab.
- Required courses: BSC 196, 197 and 307 (2 or 3 hrs, depending on major)
- Electives: at least 4 hours of botany with lab and 4 hours of zoology with lab. At least 8 hours must be 200- or 300-level courses.

Biochemistry/ Molecular Biology Program

Degrees Offered: B.S.

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

- 34 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Senior Seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360, 361; BSC 196, 197, 203, 219, 350; CHE 380.50 or BSC 304.
- 1 year of calculus (MAT 145 & MAT 146) and 1 year of physics (PHY 108 & 109 or PHY 110 & 111) must be completed prior to enrolling in CHE 360 or CHE 361
- The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
- The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, and a course in technical writing (ENG 249 Technical Writing).
- Optional electives, in consultation with the BMB Advisor, may be selected from the following: BSC 253, 260, 283, 290, 321, 326, 329, 352, 361, 367, 368, 380; CHE 290, 350, 351, 362, 363, 380.04, 380.11, 380.15, 380.19, 380.37, 380.41; PHY 380.02.
- American Chemical Society Certification can be obtained by completing the Chemistry major requirements. Additional requirements include CHE 350, 351, 362, 363.
- Molecular Biology Emphasis; Recommended courses include BSC 260, 353, and 354.

HONORS IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Students can receive BMB Honors with additional course work. Additional requirements include: 1) participation in the University Honors Program, 2) a cumulative grade point of 3.3, as well as a 3.5 average in Biochemistry/Molecular Biology, and 3) the courses: MAT 147, PHY 110 and 111, CHE/BSC 299, CHE 380.50 or BSC 304, 8 hours of foreign language and one of the following: a com-

puter programming course, ACS 165, ACS/CHE/PHY 288, or CHE 380.37.

****Students intending to pursue Departmental Honors in BMB should contact the BMB Program Coordinator prior to enrolling in CHE 230. To receive BMB Honors, two semester hours credit in CHE/BSC 299 must be completed and result in a research paper written in a style acceptable for thesis research. The research paper must be defended in a program seminar.**

This BMB Program is cross-listed by the Departments of Chemistry and Biological Sciences.

Biological Sciences Courses

101 FUNDAMENTAL CONCEPTS

IN BIOLOGY IC-NS 3 F,S, Summer
IDS 100 or conc reg req. Not for cr maj/min. May not be taken under the CT/NC option. Lecture, recitation, and lab. Materials charge optional.

Learning and applying biological concepts in the areas of health, medicine, environment, and ethics.

145 HUMAN BIOLOGY OC-DKCC/SMT 3F,S, Summer

Inner Core req. Not for cr maj.

Study of human biology in context of science, technology, and culture, emphasizing technological advances in medicine, disease prevention, and public health.

160 MICROBIOLOGY

AND SOCIETY OC-KD/SMT 4 F,S
Inner Core req. Not for cr maj. Not for cr if had BSC 260. Lecture and lab. Materials charge optional. Formerly INTRODUCTION MICROBIOLOGY.

Introduction to microorganisms, their diversity, and their impact on society as agents of disease, in the environment, and in useful applications.

170 GENETICS AND SOCIETY

OC-DKCC/SMT 3 F,S
Inner Core req. Not for cr maj.

Overview of human heredity in context of biology, society, and culture; impact on treatment of diseases, reproductive technology, agriculture, aging/longevity, and forensics.

181 HUMAN PHYSIOLOGY

AND ANATOMY I 4 F,S
Not for cr maj. Lecture and lab. Materials charge optional.

Fundamentals of anatomy and physiology for students in Special Education, Health Education, Nursing, and Psychology.

182 HUMAN PHYSIOLOGY AND ANATOMY II

3 F,S
BSC 181 req. Not for cr maj. Lecture only.

183 HUMAN PHYSIOLOGY AND ANATOMY II LABORATORY

1 F,S
BSC 181 req. Not for cr maj. No cr granted in BSC 183 until cr earned in BSC 182. Materials charge optional.

Laboratory exercises in anatomy and physiology to accompany topics in BSC 182 lecture.

196 BIOLOGICAL DIVERSITY IC-NSA 4 F,S

IDS 100 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.

Introduction to structure and function of the major groups of microorganisms, plants, and animals, emphasizing evolutionary relationships among the major groups.

197 MOLECULAR AND CELLULAR BASIS OF LIFE

IC-NSA 4 F,S
IDS 100 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.

Introduction to molecules, processes, and cellular organization of living organisms.

200 READINGS IN BIOLOGICAL SCIENCES FOR NON-MAJORS

1 F,S
Sr standing or cons inst req. Not for cr maj.

Reading and discussion of classical and modern biological literature specifically chosen for senior non-majors.

201 ECOLOGY

4 F,S
BSC 196 and 197 req. Lecture, lab, and field trips. Materials charge optional. Formerly EVOLUTIONARY ECOLOGY.

Interactions between organisms and their environment at the individual, population, community, and ecosystem levels of organization.

202 HUMANS AND THE BIOSPHERE

OC-KD/SMT 4 S
Inner Core req. MC-QR category req. Lecture and discussion. Formerly HUMAN ECOLOGY. Not for cr maj.

Ecological principles underlying biosphere functions, human influence on the biosphere, application of ecological principles to solving and avoiding environmental problems.

203 CELL BIOLOGY

4 F,S
CHE 220, or 230 and 231 or conc reg req. BSC 196 and 197 req. Lecture and lab. Materials charge optional.

Structure and function of cells with emphasis on developmental biology including cell division, growth, differentiation, integration, and immunity.

211 ECONOMIC BOTANY

4 F
BSC 196 or AGR 150, and BSC 197 req. Lecture and lab. Materials charge optional.

Diversity, origins, and history of plant uses, concentrating on economically important plants of the world.

219 GENETICS

4 F,S
BSC 196 and 197 req. Lecture and lab. Materials charge optional.

Data, concepts, and logic of genetics from Mendel to the present.

221 PLANT STRUCTURE AND FUNCTION 4

BSC 196 and 197 req. Lecture and lab. Materials charge optional.

Introduction to plant tissues and organs, and their relationship to plant processes.

222 PLANT DIVERSITY

4
BSC 196 and 197 req. Lecture and lab.

History and diversity of plant form and reproduction; survey of fossil and extant members of the plant kingdom.

223 ECOLOGY AND IDENTIFICATION OF PLANTS**4 F***BSC 196 and 197 req. Lecture and lab.*

Ecology, phylogeny, and taxonomy of vascular plants.

253 DEVELOPMENTAL BIOLOGY**4***BSC 203; CHE 220, or 230 and 231 req. Lecture and lab. Materials charge optional.*

Embryogenesis and the cellular/biochemical mechanisms that control development.

260 MICROBIOLOGY**4 F,S***Organic chemistry or conc reg and BSC 196 and 197 req. Lecture and lab. Materials charge optional.*

Uniqueness, diversity, ecology, molecular biology, and practical applications of microorganisms.

283 ANIMAL PHYSIOLOGY**4 F,S***BSC 196 and 197 req; BSC 203 rec. Lecture and lab. Materials charge optional.*

The physical and chemical basis of system physiology with reference to invertebrates and vertebrates.

286 ANIMAL BEHAVIOR**4 S***BSC 196 and 197 req. BSC 201 or conc reg req. Lecture, lab and field trips. Formerly BSC 199.*

Adaptive significance of behavior and the proximate mechanisms underlying its expression. Emphasis is placed on an understanding of animal behavior within an evolutionary context.

290 RESEARCH IN BIOLOGICAL SCIENCES**1-3 F,S,Summer***Project proposals must be approved by a supervising faculty member and undergrad advisor prior to reg. Students are expected to work (on average) a min of 3 hr per week for each hr of cr. May be repeated; max of 4 hrs from BSC 287, 298.01, 290, 299, or 398 may be counted toward maj req.*

Field and/or laboratory research in one of the biological sciences involving a participation in the scientific process with faculty and graduate students.

292 INVERTEBRATE ZOOLOGY**4 S***BSC 196 and 197 req. Lecture and lab. Materials charge optional.*

Diversity, phylogeny, comparative anatomy and physiology of invertebrate animals.

295 COMPARATIVE VERTEBRATE ANATOMY**4 S***BSC 196 and 197 req. Lecture, lab, and field trip. Materials charge optional.*

Evolution and comparative anatomy of vertebrates.

296 MAMMALIAN BIOLOGY**3 F***BSC 196 and 197 req. BSC 201 req or co-reg. Lecture.*

Introduction to origins, evolution, structure-function complexes, adaptive radiation, ecology, reproductive strategies, behavior and conservation biology of mammals.

297 BIOLOGICAL EVOLUTION**2 F,S***BSC 201, 203, 291 req. Not for cr if had BSC 390.*

Origin of life, molecular evolution, mechanisms of evolutionary change, natural selection, speciation, and contemporary issues in evolutionary biology.

298.01 PROFESSIONAL PRACTICE: CAREERS FOR HEALTH PREPROFESSIONALS**1 F***Max 4 hrs from BSC 290, 298.01, 299, 305, and 398 may count toward maj req. Cons pre-med advisor req. CR/NC only.*

Information and experience on careers in medicine, dentistry, osteopathy, podiatry, optometry, pharmacy, and veterinary medicine. Classroom and off-campus experience.

300 READINGS IN BIOLOGICAL SCIENCES**1 F,S***Maj only or cons inst req. 2 of the following: 201, 203, or 219 req.*

Reading and discussion of classical and modern biological literature.

301 ENTOMOLOGY**4 F***BSC 196, 197, and 201 req. Lecture, lab, and field trips. Materials charge optional.*

Biology and taxonomy of insects.

304 SENIOR SEMINAR IN BIOLOGY**1 F,S,Summer***2 of the following: BSC 201, 203, or 219 req.*

Oral and written reports on current topics in biology.

306 REGIONAL AND AREA STUDIES**1-9***Field work req. Cons inst req.*

Intensive on-site studies of organisms and their environments.

307 METHODS IN THE TEACHING OF BIOLOGY**2-3 F,S***C&I 216 or equiv req. Incl Clin Exp: 40 hrs, Type 1-6. BSC Ed maj must register for 3 hrs; BSC Ed Minor, 2 or 3 hrs, depending upon maj. Adm to Teacher Ed req.*

Strategies, curricula, and materials applicable to teaching secondary school science including 40 hrs Clinical Experiences.

308 FIELD BIOLOGY**3 Summer***BSC 201 or equiv req. Lecture, lab and field trips.*

Ecological communities of Central Illinois. Classification and identification of plants and/or animals.

321 MOLECULAR AND DEVELOPMENTAL GENETICS**4***BSC 203 and 219 req. Lecture and lab. Materials charge optional.*

Organization of the genome; structure of chromatin and chromosomes; genetic regulation of development; molecular bases of DNA functions.

326 PLANT PHYSIOLOGY**4***BSC 203 req. Lecture and lab. Materials charge optional.*

Plant structure and function: photosynthesis, translocation, growth and development. Laboratory emphasis on independent experiment.

329 HUMAN GENETICS**3 F***BSC 203 and 219 req.*

Detection, expression, transmission, and molecular manipulation of human traits; emphasis on medical genetics.

334 INTRODUCTORY MYCOLOGY**4 S***BSC 201 req. Lecture and lab.*

Morphology, taxonomy, and evolution of the fungi.

- 335 PLANT TAXONOMY** 3 S
BSC 222 or 223 req; 1 of the following: BSC 201, 203, 219 req.

Classification of flowering plants; taxonomic characters and data, patterns of diversity, and methods of classification; distinguishing characteristics and names of major taxa, botanical nomenclature, and taxonomic reference tools.

- 336 LABORATORY IN PLANT IDENTIFICATION** 1
BSC 335 or conc reg req.

Plant identification; identification tools and methods; descriptive morphology and terminology; field identification of flowering plants and major plant families; specimen collection, documentation, and curation.

- 337 RESTORATION ECOLOGY** 3
BSC 201, or equiv, or cons inst req. Lecture and lab.
 Study of ecology, restoration, and management of native plant communities.

- 350 MOLECULAR BIOLOGY** 3
BSC 203, 219 and 260; CHE 220, or 230 and 231 req. CHE 242 or 342 rec.

DNA structure and replication, the Genetic Code, transcription, translation, genetic regulation, RNA splicing, and transposons.

- 353 BIOTECHNOLOGY LABORATORY I: DNA TECHNIQUES** 3 F
BSC 203, 219 and 260; CHE 220 or 230-232 req. CHE 242 or 342 rec. Lecture and lab. Material charge optional. Not for cr if had BSC 352.

Application and theory of molecular techniques using prokaryotic systems, including DNA and protein analysis, DNA cloning and bacterial genetics.

- 354 BIOTECHNOLOGY LABORATORY II: CELL BIOLOGY TECHNIQUES** 3 S
BSC 203; CHE 220 or 230-232 req. CHE 242 or 342 rec. Lecture and lab. Materials charge optional. Formerly BIOTECHNOLOGY LABORATORY: MOLECULAR RECOGNITION.

Applications and theory of cell biology to study eukaryotic systems using biochemistry, cell culture, and immunology techniques.

- 361 MICROBIAL PATHOGENS** 4
BSC 203 and 260 req. Lecture and lab. Materials charge optional.

Pathogenesis, identification, cultivation, and classification of bacteria, viruses, fungi, and animal parasites associated with diseases of man.

- 367 IMMUNOLOGY** 4
BSC 203 and 260 req. Offered every 3rd semester. Lecture and lab. Materials charge optional.

Molecular, cellular, transplantation and tumor immunology; antimicrobial immunity; immunochemistry.

- 368 VIROLOGY** 4
BSC 219 and 260 req. Lecture and lab. Materials charge optional.

Bacterial, avian, insect, plant, and mammalian viruses and their involvement in disease and cancer. Viral diagnostics.

- 383 PARASITOLOGY** 4
BSC 203 and 260 req. Lecture and lab. Materials charge optional.

Host-parasite relationships, life histories, and morphology of arthropod, helminth, and protozoan parasites of animals.

- 395 BIOLOGY OF THE LOWER VERTEBRATES** 4 F
1 of the following: BSC 201, 203, or 219 req. Lecture, lab, and field trips. Materials charge optional.

Fish, amphibians, and reptiles: behavior, ecology, evolution, systematics, zoogeography, reproduction, and adaptive significance of morphology.

- 396 AVIAN BIOLOGY** 4
BSC 201 req. Lecture, lab, and field trips.

Origin, evolution, diversity, systematics, biogeography, morphology, physiology, ecology, behavior, and conservation biology of birds.

- 398 PROFESSIONAL PRACTICE: BIOLOGY** 1-6 F,S,Summer
Jr standing in BSC with 2.5 GPA in all natural sciences req. May be repeated; max 16 hrs Prof Pract; no more than 4 hrs from BSC 290, 298.01, 299, 305 or 398 may be counted toward maj req. Cons dept Prof Pract advisor req. CR/NC only.

Practical experience through employment in agencies such as biological research facilities, zoological or botanical gardens, game reserves, or environmental service. One credit per 50-60 hours work experience.

CHEMISTRY (CHE) 416

222 Julian Hall, (309) 438-7661

Chairperson: Michael E. Kurz.

Tenured/Tenure-track Faculty:

Distinguished Professors: Lash, Stevenson, West.

Professors: Bunting, Hansen, Jones, Kurz, Rothenberger, Webb.

Associate Professors: Baur, Morse, Standard.

Assistant Professors: Ferrence, Gregory, Hitchcock, Hunter, Nagorski, Quandt, Szczepura, Weldon.

General Department Information

The Department of Chemistry is on the approved list of the American Chemical Society. Contact the department for specific certification requirements.

HONORS IN CHEMISTRY

Students majoring in Chemistry may be admitted to the Departmental Honors Program if they have 1) completed at least 30 hours of college-level courses, including at least 2 courses in Chemistry, 2) a cumulative GPA of 3.3, and 3) applied for admission to departmental honors to the Chemistry chairperson or honors advisor and received approval for admission into the program.

In order to graduate with honors in Chemistry, a student must complete 1) all regular requirements for the Chemistry Major including PHY 110 and 111, 2) 3 hours of CHE 299,

3) MAT 147, 4) a 200-level Physics, Mathematics or Biological Sciences course, 5) Eight hours of foreign language, 6) a computer programming course (ACS 165, ACS/CHE/PHY 288, CHE 380.37), and 7) have at the time of graduation a cumulative GPA of at least 3.3 and at least 3.5 in Chemistry courses.

Chemistry Programs

Degrees Offered: B.S.

MAJOR IN CHEMISTRY

- 39 hours required in Chemistry, including at least 31 hours in courses numbered 200 or higher.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 350, 351, 360, 361, 362, 363.
- 1 year of physics, preferably PHY 110 and 111, and 1 year of calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
- Chemistry electives: Selected from approved courses numbered 200 or higher. For the American Chemical Society Certified Degree the elective requirement is 6 hours in Chemistry courses numbered 290 or higher. These courses must include 2 hours in *laboratory* course work (CHE 290, 301, 343, 398). The department strongly recommends presentation of work performed in 290 or 398 at a professional meeting, Chemistry Department Symposium or Undergraduate Research Symposium. The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, a course in technical writing and courses in Biological Sciences.
- **NOTE:** Students interested in careers in biochemistry, molecular biology, biotechnology or medicine may elect to follow the Biochemistry/Molecular Biology Degree Program. Contact the Chemistry Department for details.

Teacher Certification Sequence:

- 39 hours required in Chemistry, including at least 31 hours in courses numbered 200 or higher, and CHE 301 as an additional laboratory course. A Teacher Education student must complete the option described as part of the entitlement program leading to certification: secondary 6-12.

MINOR IN CHEMISTRY

- 21 hours required in Chemistry, including at least 13 hours in courses numbered 200 or higher.
- Required courses: CHE 140, 141, and 215.

MINOR IN CHEMISTRY

For Teacher Education:

- 21 hours required in Chemistry, including at least 13 hours in courses numbered 200 or higher.
- Required courses: CHE 140, 141, 215, and 301 (2 hours).

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of

approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Biochemistry/ Molecular Biology Program

Degrees Offered: B.S.

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

- 34 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Senior Seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360, 361; BSC 196, 197, 203, 219, 350; CHE 380.50 or BSC 304.
- 1 year of calculus (MAT 145 & MAT 146) and 1 year of physics (PHY 108 & 109 or PHY 110 & 111) must be completed prior to enrolling in CHE 360 or CHE 361
- The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
- The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, and a course in technical writing (ENG 249 Technical Writing).
- Optional electives, in consultation with the BMB Advisor, may be selected from the following: BSC 253, 260, 283, 290, 321, 326, 329, 352, 361, 367, 368, 380; CHE 290, 350, 351, 362, 363, 380.04, 380.11, 380.15, 380.19, 380.37, 380.41; PHY 380.02.
- American Chemical Society Certification can be obtained by completing the Chemistry major requirements. Additional requirements include CHE 350, 351, 362, 363.
- Molecular Biology Emphasis; Recommended courses include BSC 260 and 352.

HONORS IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Students can receive BMB Honors with additional course work. Additional requirements include: 1) participation in the University Honors Program, 2) a cumulative

grade point of 3.3, as well as a 3.5 average in Biochemistry/Molecular Biology, and 3) the courses: MAT 147, PHY 110 and 111, CHE/BSC 299, CHE 380.50 or BSC 304, 8 hours of foreign language and one of the following: a computer programming course, ACS 165, ACS/CHE/PHY 288 or CHE 380.37.

****Students intending to pursue Departmental Honors in BMB should contact the BMB Program Coordinator prior to enrolling in CHE 230. To receive BMB Honors, two semester hours credit in CHE/BSC 299 must be completed and result in a research paper written in a style acceptable for thesis research. The research paper must be defended in a program seminar.**

The BMB Program is cross-listed by the Departments of Chemistry and Biological Sciences.

Chemistry Courses

102 CHEMISTRY AND SOCIETY IC-NS 3 F,S
IDS 100 or conc reg req. Lecture and lab. Open only to students with no college cr in chemistry. May not be taken under the CT/NC option. Materials charge optional.

Selected topics from chemistry and science in general, and illustration of relevance of chemistry and other sciences in today's world. Lectures, demonstrations, recitation, and lab.

104 CHEMISTRY OF LIFE OC-KD/SMT 3 F,S
Inner Core req. CHE 102 or 1 yr high school Chemistry rec. Lectures, demonstrations, and lab. Materials charge optional.

Application of chemical principles to the understanding of life processes, designed for non-science majors. Lectures, demonstrations, and laboratory.

110/112 FUNDAMENTALS OF CHEMISTRY AND LABORATORY IC-NSA 4/1 F,S
IDS 100 or conc reg req. Not for cr if had CHE 140 or 141. CHE 110 or conc reg req for CHE 112. May not be taken under the CT/NC option. Materials charge optional for CHE 112.

Introductory survey of fundamental concepts, laws, and theories of chemical science and their application to common chemical systems.

140 GENERAL CHEMISTRY I IC-NSA 4 F,S
IDS 100 or conc reg req. First half of a 2-sem sequence. Lecture and lab. Designed primarily for students with high school cr in chemistry. Algebra is req. Not for cr if had CHE 110. May not be taken under the CT/NC option. Materials charge optional.

Introduction to stoichiometry, thermochemistry, atomic structure, molecular structure and bonding, chemical equilibrium and kinetics with applications to gases, solids, liquids, and solutions.

141 GENERAL CHEMISTRY II 4 F,S
CHE 140 req. Lecture and lab. Materials charge optional.

Continuation of CHE 140. Introduction to acid-base equilibria, electrochemistry, nuclear chemistry, descriptive chemistry, and coordination compounds.

215 FUNDAMENTALS OF ANALYTICAL CHEMISTRY 2 F,S
CHE 141 req. Lecture and lab. Materials charge optional.

Theory and practice of selected modern analytical methods such as volumetric, potentiometric, optical, and chromatographic analysis.

220 ELEMENTARY ORGANIC CHEMISTRY 5 F,S
CHE 112 or 141 req. Not for cr if had CHE 230. Lecture and lab. Materials charge optional.

One-semester survey of organic chemistry. For non-majors; recommended for Agriculture, Family and Consumer Sciences, Health Sciences, Nursing, and others. Fundamental principles of structure and mechanisms of organic reactions.

230 ORGANIC CHEMISTRY I 3 F,S
First half of a 2-sem seq. CHE 141 and 231 req. No cr will be granted in CHE 230 until cr is earned in CHE 231. Not for cr if had CHE 220.

Introduction to chemistry of aliphatic and aromatic organic compounds.

231 ORGANIC CHEMISTRY LABORATORY I 1 F,S
CHE 141 req. Conc reg in CHE 230 req. First half of a 2-sem seq. No cr will be granted in CHE 231 until cr is earned in CHE 230. Materials charge optional.

Laboratory practice illustrating preparations and reactions typical of functional groups.

232 ORGANIC CHEMISTRY II 3 F,S
CHE 230 req.

Continuation of Chemistry 230, including synthetic and mechanistic features of organic reactions.

233 ORGANIC CHEMISTRY LABORATORY II 2 F,S
CHE 231 req; conc reg in CHE 232. Materials charge optional.

Laboratory practice in newer techniques and methods of organic chemistry.

242 BASIC BIOCHEMISTRY 3 F,S
1 sem of organic chemistry req. Not for cr if had CHE 342.

Introduction to the chemistry of carbohydrates, lipids, proteins, nucleic acids and enzymes. Brief treatment of vitamins and intermediary metabolism.

280 ENVIRONMENTAL CHEMISTRY 3 F
CHE 141 and any 200-level chemistry course req.

Aquatic, soil, and atmospheric chemistry and the attendant problems of water, soil, and air pollution. Causes of pollutants and methods of analyzing for them.

283 HISTORY OF CHEMISTRY 2 S
CHE 220 or 230 req.

A study of the development of modern chemistry with an emphasis on the evolution/molecular theory during the 19th century.

288 METHODS OF COMPUTATIONAL SCIENCE 3 S
ACS 165; CHE 140; PHY 109 or 111; and MAT 146 or cons inst req. Also offered as ACS/PHY 288.

Introduction of a wide variety of computational techniques and their application to physics and chemistry problems. The applications will be restricted to computer simulations of simple physical systems from mechanics, electromagnetism and chemistry.

290 RESEARCH IN CHEMISTRY 1-2 F,S
17 hrs of Chemistry; only 3 hrs are applicable toward the maj. Dept form must be completed prior to reg. CR/NC only. May be repeated; max 6 hrs.

301 TEACHING OF CHEMISTRY 2-3 F
17 hrs of Chemistry. For teaching maj/min only. Chemistry Ed min should reg for 2 hrs. C or better in C&I 216 or PSY 215 or conc reg req. Incl Clin Exp: 35 hrs, Type 1-5. Adm to Teacher Ed req.

Modern methods and curricula of high school chemistry.

315 INSTRUMENTAL ANALYSIS 3 F,S
CHE 215 req; CHE 362 or conc reg req. Lecture and lab. Materials charge optional.

Emphasis on modern instrumental methods of chemical analysis including electroanalytical, optical, and chromatographic methods.

342 GENERAL BIOCHEMISTRY I 3 F,S
C or better in CHE 232 or 1 year of organic chemistry or cons inst req. Not for cr if had CHE 242.

Survey of the structure-function relationships of proteins, carbohydrates, lipids and nucleic acids, dynamic equilibria, energetics, reaction kinetics/mechanisms and metabolism.

343 BIOCHEMISTRY LABORATORY 2
CHE 242 or 342 or conc reg req. Lecture and lab. Materials charge optional.

Application of biochemical principles and methods discussed in Chemistry 342.

344 GENERAL BIOCHEMISTRY II 3 S
B or better in CHE 242 or C or better in CHE 342 req. Survey of important aspects of intermediary metabolism, metabolic regulation, membrane transport and bioenergetics. Topics will include hormonal controls and immunochemical response.

350 INORGANIC CHEMISTRY 3 F,S
CHE 362 req.

Survey of modern inorganic chemistry including structure of inorganic compounds, coordination chemistry, non-aqueous solvents and selected inorganic reactions.

351 INORGANIC CHEMISTRY LABORATORY 1 F,S
CHE 350 or conc reg req. Materials charge optional.

Experiences in the modern techniques of synthesis and quantitative characterization of inorganic materials. Specific experiments and techniques may vary but will generally include spectroscopic, microscopic, electrochemical, conductivity, magnetic susceptibility, thermal and vacuum line techniques and experiments.

360 PHYSICAL CHEMISTRY I 3 F,S
CHE 141; CHE 215 or conc reg req. PHY 109 or 111; 8 hrs of CHE or PHY courses numbered 200 or higher; MAT 146 req.

First of a series in theoretical chemistry dealing with descriptions of gases, liquids, solutions, thermochemistry, thermodynamics, chemical and phase equilibrium, kinetic theory, and chemical kinetics.

361 PHYSICAL CHEMISTRY LABORATORY I 1 F,S
CHE 360 or conc reg req. Materials charge optional. Laboratory applications of principles treated in physical chemistry.

362 PHYSICAL CHEMISTRY II 3 F,S
CHE 360 req.

Continuation of CHE 360, including ionic equilibrium, conductance, electromotive force, spectroscopy, molecular theory, and miscellaneous applications of quantum theory.

363 PHYSICAL CHEMISTRY LABORATORY II 1 F,S
CHE 362 or conc reg req. Materials charge optional.

Laboratory studies of the derivations and applications of principles treated in physical chemistry.

380 TOPICS IN CONTEMPORARY CHEMISTRY 1-3 F,S
CHE 232 req. Certain topics may also require CHE 360. May be repeated.

New concepts and recent developments in the fields of organic, chemical education, inorganic, analytical, physical, and biochemistry.

398 PROFESSIONAL PRACTICE: CHEMISTRY 1-16 F,S,Summer
CHE 232 and 233 or equiv req. Jr/sr standing. 2.5 GPA req. May be repeated; max 16 hrs; no more than 4 hrs/sem may be used to meet graduation req. CR/NC only. May be 2 to 5 periods of 1 term each.

Practical experience by employment in an industrial or governmental laboratory.

COMMUNICATION (COM) 448

434 Fell Hall, (309) 438-3671

Chairperson: Catherine Konsky.

Tenured/Tenure-track Faculty:

Professors: Comadena, Cragan, Cupach, Haefner, Kapoor, Metts, Semlak, Wright.

Associate Professors: Allen, Coombs, Cutbirth, Hoffner, Holladay, Kang, Konsky, Moffitt, Wisely, Wolfe.

Assistant Professors: Baldwin, Drager, Hunt, Kazoleas, Levine, O'Sullivan, Perry, Simonds.

General Department Information

MINOR IN COGNITIVE SCIENCE

The Department of Communication participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Programs in this Undergraduate Catalog.

HONORS IN COMMUNICATION

The Department of Communication offers students an opportunity to demonstrate outstanding achievement in the study of communication by means of participation in the Departmental Honors Program. The Department also offers in-course honors work in all its courses at the discretion of the instructor for students enrolled in the Honors Program. Qualified students are encouraged to inquire about admission by contacting a Department academic advisor.

Instructional Media Programs

MINOR IN INSTRUCTIONAL MEDIA

- 24 hours required.
- Required courses: COM 240, 241, 365, 366; 12 hours selected from: ART 101, 103, 104, 109, 226; COM 160, 162, 163, 362; IT 210, 250, 251, 253.

Mass Communication Programs

Degrees Offered: B.A., B.S.

MAJOR IN MASS COMMUNICATION

- 39 hours required of which at least 24 must be senior (upper-division) hours.
- Required courses: COM 111, 160, 161, 260, 297, 360, 361, 367.
- 15 hours of electives, of which at least 3 hours must be 300-level, to be chosen in consultation with a departmental advisor. Students are highly recommended to choose these elective hours from various concentrations that reflect some of the career options for Mass Communication majors.
- Concentrations: The Department of Communication has identified six concentrations that can be useful in planning the student's academic program. Students majoring in Mass Communication may elect concentrations in Broadcast Journalism; Broadcast Production; International Communication; Media Management; Print Journalism; or Visual Communication. Recommended courses in each concentration are listed below.

Broadcast Journalism: COM 162 or 163, 167, 264, 267.

Broadcast Production: COM 162, 163, 167, 263.

International Communication: COM 165 or 167, 218, 369, 372.

Media Management: COM 165 or 167, 264, 304 or 363, 364.

Print Journalism: COM 165, 166, 265, 385.

Visual Communication: COM 165 or 167, 240, 241, 365.

- Students may complete the remainder of their elective hours by selecting from the additional courses from other concentration groups plus COM 228, 266, 268, 269, 324, 329, 355, 362, 366, 370, 371, 398.
- Students may include a maximum of 3 hours of Professional Practice (COM 398) toward the major.
- Students may repeat COM 263 or 267 one additional time, but only 3 hours of the course may count toward the major.
- A maximum of 9 hours can be counted concurrently toward the Mass Communication Major and other majors or minors within the Department of Communication.
- **NOTE:** Mass Communication majors must complete a minor or second major in a department other than Communication. For further information, see the Department of Communication Advisement Office.

MINOR IN MASS COMMUNICATION

- 18 hours required.
- Required course: COM 160 and 161.
- 12 hours of electives selected in consultation with an academic advisor from: COM 110, 162, 163, 165, 166, 167, 218, 260, 263, 264, 265, 266, 267, 268, 269, 270, 287, 296, 297, 360, 361, 362, 363, 364, 367, 369, 385, 398.

MINOR IN JOURNALISM

For Teacher Education:

- 24 hours required.
- Required courses: COM 160, 165, 166, 265, 266, 269, 385.
- Electives: COM 260, 268; IT 250.

Speech Communication Programs

Degrees Offered: B.A., B.S.

MAJOR IN SPEECH COMMUNICATION

- 39 hours required.
- Required courses: COM 111, 123, 223, 297, 329, and 1 selected from: COM 201, 303, 331, or 372.
- A minimum of 30 senior hours with 9 hours at the 300-level (excluding 398).
- 21 hours of electives selected from the following guidelines: A minimum of 6 hours selected from Group 1 courses (COM 125, 201, 202, 226, 302, 303, 304, 321, 324, 371). A minimum of 6 hours selected from Group 2 courses (COM 225, 228, 323, 325, 331, 370, 372). Electives also available from Group 3 courses (COM 198.02, 218, 240, 296, 299, 330, 363, 369, 398).
- Students may include a maximum of 6 total hours of credit from Professional Practice (COM 198, 398) and Independent Research (COM 296, 299) toward completion of the major.
- A maximum of 9 hours can be counted concurrently toward the Speech Communication Major and other majors or minors within the Department of Communication.
- **NOTE:** Speech Communication majors must complete a minor or second major in a department other than Communication.

Teacher Certification Sequence:

- 40 hours required. Part of entitlement program leading to certification: secondary 6-12.
- Required courses (28 hrs): COM 110, 123, 125, 198.02, 202, 223, 281, 297, 324, 381.
- Elective courses (12 hrs) chosen from 2 of the following groups:
 - Group A (Small Group/Interpersonal):** 6 hours from: COM 225, 323, 325, 329, 331, 370, 372.
 - Group B (Social Communication):** 6 hours from: COM 201, 303, 304, 371.
 - Group C (Rhetorical Criticism):** 6 hours from: COM 226, 302, 321.
 - Group D (Education):** 6 hours from: COM 296, 330, 392, 398.

Group E: 6 hours from: COM 160, 218, 360; PAS 211; THE 101, 341 (not for credit Theatre maj/min).

- Clinical Experiences are included in COM 198.02, 202, 223, 281, 398. Additional opportunities are available through other departmental programs.
- Students enrolled in this program are required by the State to complete the requirements for teaching English. Students are recommended to consult an advisor early in their program to determine the requirements for various teaching fields.
- **NOTE:** Admission to Teacher Education programs requires a 2.5 GPA.

MINOR IN SPEECH COMMUNICATION

- 21 hours required.
- Required course: COM 110.
- A minimum of 6 hours must be at the 300-level (excluding 398).
- 18 hours of electives selected from: COM 123, 125, 198.02, 201, 202, 218, 223, 225, 226, 227, 228, 297, 302, 303, 304, 321, 323, 324, 325, 329, 330, 331, 370, 371, 372.

MINOR IN SPEECH COMMUNICATION

For Teacher Education:

- 25 hours required.
- Required courses (22 hrs): COM 110, 123, 125, 198.02, 223, 281, 297, 324.
- Electives (3 hrs) selected from: COM 160, 201, 202, 218, 225, 226, 296, 302, 303, 304, 321, 323, 325, 329, 330, 331, 360, 370, 372; PAS 211; THE 101, 341.
- Students minoring in Speech Communication or Journalism for Teacher Education are advised that if they have a major other than English, they must have 6 hours in rhetoric and composition to meet state teaching standards.
- **NOTE:** Admission to Teacher Education programs requires a 2.5 GPA.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises

7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Public Relations Program

Degrees Offered: B.A., B.S.

MAJOR IN PUBLIC RELATIONS

- 39 hours required.
- Required courses: COM 111, 161, 178, 240, 268, 297, 321, 329, 378.
- A minimum of 30 senior hours with at least 15 hours at the 300-level (excluding 398).
- 12 hours of electives selected from: COM 202, 218, 223, 228, 241, 265, 269, 303, 304, 324, 325, 331, 355, 360, 361, 365, 366, 367, 369, 371, 372, 385, 398.
- Students may include a maximum of 3 hours of Professional Practice (398) toward the major.
- A maximum of 9 hours can be counted toward the Public Relations major and other majors or minors within the Communication Department.
- **NOTE:** Public Relations majors must complete a minor or second major in a department other than Communication.

MINOR IN PUBLIC RELATIONS

- 24 hours required.
- Required courses: COM 161, 178, 268, 297, 378.
- A maximum of 9 hours counted toward the Public Relations minor may be applied toward a major or minor within the Department.
- 9 hours of Communication electives selected from the following areas (* means highly recommended):

Graphics and Photography: 240*, 241*, 266, 365, and 366.

Mass Communication and Production: 163*, 166*, 218, 269, 362, 364*, 367, and 385*.

Organizational and Professional Communication: 202*, 227 (not recommended for declared Speech Communication majors), 228, 321*, 324*, 325, and 329*.

Communication Courses

110 LANGUAGE AND COMMUNICATION IC 3 F,S,Summer
IDS 100 or conc reg req. May not be taken under the CT/NC option. Formerly FUNDAMENTALS OF SPEECH COMMUNICATION.

Course focuses on the development of communication competence, critical thinking, and ethical practices in public speaking, small group, and interpersonal contexts.

111 INTRODUCTION TO COMMUNICATION THEORIES 3 F,S
COM maj only.

Introduces the student to numerous basic communication theories; outlines requirements, expectations, and career opportunities for all communication majors.

123 INTERPERSONAL COMMUNICATION 3 F,S

An introduction to 2-person interaction in a variety of contexts.

125 ARGUMENTATION 3 F,S

Theory and practice of advocacy.

128 GENDER IN THE HUMANITIES MC-LH 3 F,S

IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as ENG/FOR 128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

160 INTRODUCTION TO MASS COMMUNICATION 3 F,S

Mass media development and function in modern society: technological basis, economic and political foundations, social implications.

161 MEDIA WRITING AND PRESENTATION 3 F,S

COM 160 or 178 req.

Introduction to the variety of mass communication media students may encounter in their careers. Preparation and presentation of various mass communication formats.

162 RADIO PRODUCTION 3 F,S

COM 160 req; 2 hrs lecture, 2 hrs lab. Materials charge optional.

Skills in utilizing equipment and procedures necessary to produce programs for radio. Script writing and directing included.

163 TELEVISION PRODUCTION 3 F,S

COM 160 req; 2 hrs lecture, 2 hrs lab. Materials charge optional.

Development of skills necessary in producing a television program. Function of television equipment and facilities. Evaluation of current production techniques. Producing and directing included.

165 REPORTING I 3 F,S

COM 160 or 178 and typing ability req. Materials charge optional.

Intensive training in the fundamentals of newsgathering and news writing.

166 COPY EDITING 3 F,S

COM 160 and 165 req. Materials charge optional.

Advanced training in rewriting and editing stories, headlines, writing, page layouts, and work on a campus publication.

167 BROADCAST NEWS I 3 F,S

COM 160 req. Materials charge optional.

Intensive training in the fundamentals of newsgathering and writing for the electronic media.

178 INTRODUCTION TO PUBLIC RELATIONS 3 F,S

COM 111 and ENG 101 rec.

Examines functions of public relations in society and surveys concepts, theories, ethics, and principles of effective public relations.

198.02 PROFESSIONAL PRACTICE: FORENSICS 1 F,S

May be repeated; Max 4 hrs. Incl Clin Exp: 15 hrs, Type 1-4.

Training and participation in speech activities.

201 COMMUNICATION AND SOCIAL ISSUES I 3 F,S

COM 111 req.

Criticism of communicative discourse concerning reform movements, religious controversy, socialism, and other topics.

202 PERSUASIVE PUBLIC SPEAKING 3 F,S

COM 111 req. Incl Clin Exp: 2 hrs, Type 1-5.

Provides the student an opportunity to develop skills in persuasive speaking in a variety of situations. Focuses on message content and organization appropriate for different situations.

218 COMMUNICATION TECHNOLOGIES AND IMPACTS 3 F,S

COM 111 or 160 or cons inst req.

The study of basic communication technologies (radio, television, satellite, computer, and electronic publishing) and their impact on the individual, group, organization, and society.

223 SMALL GROUP PROCESSES 3 F,S

Incl Clin Exp: 1 hr, Type 1-3.

Theory and practice in reflective group discussion methods.

225 NONVERBAL COMMUNICATION 3 F,S

COM 111 req.

Consideration of gesture, space, time, touch, objects, environment, voice, and eye behavior, and their relationship to communication and culture.

226 CLASSICAL RHETORIC 3 F

COM 111 req.

Classical rhetoricians and rhetorics, from the early Greek sophists to Saint Augustine, with special attention to impact on modern theory construction.

227 ORGANIZATIONAL AND PROFESSIONAL SPEAKING 3 F,S

Not rec for COM maj.

Learning experiences in critical analysis of communication events, group problem solving, interviewing, technical speaking, and persuasive speaking.

228 INTRODUCTION TO INTERVIEW 3 F

Learning experiences in the selection, organization, oral presentation of ideas through the interview situation. The course stresses information processing in the interview setting.

240 PRESENTATION MEDIA 3 F,S

Lecture and lab. Incl Clin Exp: 2 hrs, Type 1-3. Formerly AUDIOVISUAL MEDIA. Materials charge optional.

Introduction to presentational theory and skills needed to identify, design, produce, present, and assess audiovisual media in a variety of organizational situations.

241 BASIC PHOTOGRAPHY 3 F,S

Lecture and lab. Materials charge optional.

Fundamentals of photography with emphasis on design, production, presentation and text.

260 MASS COMMUNICATION: CULTURAL CRITICISM AND PROBLEMS 3 F,S
COM 111 and 160 req.

The mass media as a social system. Its impact on the cultural and economic life of the nation. The need for continuing decisions regarding public policy.

263 ADVANCED TELEVISION PRODUCTION 3 F,S
COM 111, 160, and 163 req; 2 hrs lecture; 4 hrs lab.

Creating visual appeal through the television medium. Aesthetics in preparing television programs. Advanced producing/directing techniques in commercial broadcasting and television as an art form.

264 BROADCAST AND CABLE PROGRAMMING 3 F,S
COM 111 and 160 req.

Format and scheduling of programs as practiced by station, cable, and network management and viewed from the perspective of the advertiser, the manager, the consumer, and the government.

265 REPORTING II 3 F,S
COM 111, 160, and 165 req.

Advanced training in newsgathering and newswriting with practical application.

266 ADVANCED PHOTOGRAPHY 3 S
COM 241 or cons of inst req. Lecture and lab. Materials charge optional.

A study of the concepts, processes and techniques used to produce or select photographs for use in other forms of media.

267 BROADCAST NEWS II 3 F,S
COM 111, 160, 167, or cons inst req.

Refinement of skills in broadcast news through laboratory work on daily television newscasts.

268 PUBLIC RELATIONS WRITING AND PRODUCTION 3 F,S
COM 111 and 165 req. Formerly COMMUNITY RELATIONS. Materials charge optional.

Public relations functions, ethics, and writing of new releases, newsletters, brochures, and other publications for employees and communities.

269 SPECIALIZED PUBLICATIONS 3 F,S
COM 111 and 165 req. Materials charge optional.

Training in editing, management, production, and finance of magazine, small newspapers, and annual reports. Instruction applicable to advisement of school publications.

270 DOCUMENTARY IN FILM AND BROADCASTING 3 F
Also offered as THE 270.

Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio.

281 PRINCIPLES OF SPEECH EDUCATION 3 F
C or better in C&I 214, 215, 216, and PSY 215 (6 hrs) or conc reg req. Incl Clin Exp: 10 hrs, Type 1-6, 9. Adm to Teacher Ed req.

Methods and materials for teaching secondary speech communication. Planning and applying strategies, methods of measurement, classroom criticism of performance, selection and compilation of materials.

283 COMMUNICATION IN THE CLASSROOM 3 S
C or better in COM 110, 45 hrs, and declared Teacher Ed Maj req.

Theory and practice in developing communication competencies in an academic setting. Preparation and presentation of various instructional strategies for diverse audiences.

296 INDEPENDENT RESEARCH IN COMMUNICATION 3 F,S
 Project approval by dept chair and inst prior to reg.

297 COMMUNICATION RESEARCH METHODS 3 F,S
COM 111 req.
 Methods of scholarly research and critical evaluation of research.

302 COMMUNICATION CRITICISM 3 S
COM 111 req.

Developing critical skills for describing, interpreting, and evaluating communication from different theoretical perspectives.

303 CONTROVERSY AND CONTEMPORARY SOCIETY 3 S
COM 111 req.

Contemporary communication on current significant, controversial issues.

304 FREEDOM OF SPEECH AND PRESS 3 F,S
COM 111 req.

First Amendment rights. Emphasis on Supreme Court decisions relating to political dissent, obscenity, provocation and demonstration, and press freedom.

318 SOCIAL DYNAMICS OF COMMUNICATION TECHNOLOGIES 3 S
COM 218 or cons inst req.

Examination of social dynamics of mediated communication emphasizing implications of new communication technologies for social institutions and social change.

321 MESSAGE COMPOSITION 3 F,S
COM 111 req.

Application of speech communication theory and research to the composition of ethical, informative, and persuasive messages in a campaign. Emphasis: organizational and language factors affecting mediated and non-mediated communication.

323 THEORY AND RESEARCH IN SMALL GROUP COMMUNICATION 3 S
COM 111 and 297 req.

Theoretical and experimental literature dealing with small group communication processes.

324 THEORY AND RESEARCH IN PERSUASION 3 F
COM 111 and 297 req.

Survey of contemporary theoretical and empirical literature dealing with the question of how an individual's attitudes, beliefs, and social behaviors are affected by communication.

325 THEORY AND RESEARCH IN INTERPERSONAL COMMUNICATION 3 S
COM 111 and 297 req.

Interpersonal communication and research and its implications for developing, maintaining, and terminating relationships. Focus on developing communicative competence.

329 ORGANIZATIONAL COMMUNICATION 3 F,S
COM 111 req.

Theoretical and experimental literature dealing with communication in an organizational setting.

331 HUMAN COMMUNICATION AND THE AGING PROCESS 3 F,S
COM 111 or SOC 211 req.

An examination of the particular communication needs of the aging and current research in the field.

355 INTERNATIONAL PUBLIC RELATIONS 3 S
COM 111 and 178 or cons inst req.

Theory and research related to the practice of public relations across cultural and national boundaries. Application of theory to practical problems.

358 CRISIS COMMUNICATION 3 F
COM 178 and 268 req.

An advanced examination of the use of communication in planning, managing and responding to organization crises.

360 MASS COMMUNICATION: THEORY AND EFFECTS 3 F,S
COM 111, 160, and 260 req.

Critical examination of channel and receiver variables and their effects on the act of moving information through a given medium. Students participate in at least one research project of their design.

361 REGULATION OF THE COMMUNICATION INDUSTRY 3 F,S
COM 111 and 160 req.

The legal background of mass media, specific laws affecting media operations, and industry efforts at self regulation.

362 NON-BROADCAST TELEVISION 3 F
COM 111 req. Lecture and lab.

Theory and practice of non-broadcast television with emphasis on equipment, production processes and effectiveness as a medium of communication for business, education and medicine.

363 PRIVACY AND INFORMATION PROCESSING 3 F
COM 111 req.

Concepts about individual privacy as related to the processing of information in a technological society. The study of institutional procedures with regard to the dissemination of sensitive information.

364 BROADCAST AND MANAGEMENT 3 S
COM 111, 160, and 264 req.

Role and functions of broadcast media managers in society.

365 GRAPHIC COMMUNICATION I 3 F
COM 240 req. Lecture and lab. Materials charge optional.

History, theory, principles and practices of visual communication applied to graphic media with emphasis on fundamental skills and techniques.

366 GRAPHIC COMMUNICATION II 3 S
COM 365 req. Lecture and lab. Materials charge optional.

Development of graphic media solutions to visual communication problems by integrating design skills, visual communication theory and knowledge of materials.

367 ETHICAL PROBLEMS IN MASS COMMUNICATION 3 F,S
COM 111; PHI 138 or cons inst req.

Analysis of ethical problems in news, entertainment, and persuasive media. Students develop analytical skills using cases and research projects.

369 INTERNATIONAL COMMUNICATION SYSTEMS 3 S
COM 111 req.

Mass communication systems employed in foreign countries, their roles in national and international social and cultural development.

370 PSYCHOLOGY OF LANGUAGE 3 S
COM 111 and 297 req.

Theories and experimental research relating to the development and functions of language.

371 POLITICAL COMMUNICATION 3 F
COM 111 req; 6 hrs COM or 6 hrs POS rec.

Basic theory and research relating to political campaign communication. Special attention is paid to the persuasive process of political campaigning focusing upon the role of the media, the candidate, image creation and other selected topics on political campaign communication.

372 INTERCULTURAL COMMUNICATION 3 F,S
COM 111 and 297 req.

Theories and research relating to face-to-face communication among people from different cultural, national, ethnic, or racial backgrounds.

378 APPLICATIONS IN PUBLIC RELATIONS 3 F,S
COM 111, 165, 178, and 268 req.

Principles and procedures for the professional practice of ethical public relations via a case study approach. Students prepare a public relations portfolio.

381 PROBLEMS IN THE TEACHING OF COMMUNICATION 3 S
C or better in C&I 214, 215, 216; and PSY 215 (6 hrs) or conc reg req.

Identification of common and unique problems in teaching communication concepts and skills. Approaches to resolving classroom problems.

385 EDITORIAL AND FEATURE WRITING 3 F,S
COM 111, 165, and 265 req.

Advanced training in writing feature articles and editorials for newspapers and magazines.

398 PROFESSIONAL PRACTICE: COMMUNICATION I-12 F,S
Complete dept application prior to reg. Max 3-6 hrs Pract applicable to maj; 16 hrs applicable to graduation. Inc Clin Exp: 55 hrs, Type I-9.

Arranged on-campus practical experience under the guidance of department academic supervisors.

398.01 PROFESSIONAL PRACTICE: ON-CAMPUS INTERNSHIP IN COMMUNICATION

398.02 PROFESSIONAL PRACTICE: OFF-CAMPUS INTERNSHIP IN COMMUNICATION

ECONOMICS (ECO) 420

425 Stevenson Hall, (309) 438-8625

Chairperson: David Ramsey.

Tenured/Tenure-track Faculty:

Distinguished Professor: Ram.

Professors: Chizmar, Cohn, Dillingham, Hiebert, Nelson, Ostrosky, Owen, Singh, Skaggs.

Associate Professors: Goel, Mohammadi, Ramsey, Rich, Walbert.

Assistant Professors: Carlson, Hasan, Loomis, Zhang.

General Department Information

Undergraduate Program Director: J. Lon Carlson

Office: Stevenson Hall 439-A

Academic Requirements:

Majoring in Economics helps you develop important skills, including critical thinking and analytical reasoning. These general skills are valuable for any job or occupation. Thus, a degree in Economics provides you with the flexibility to adapt in a changing environment and take advantage of new opportunities. This flexibility is important because, if you are typical, you will change jobs or occupations about six times in your lifetime.

One of the main advantages of an Economics degree is the wide range of careers that are available to graduates. Economics majors find jobs in a variety of settings, including private industry; federal, state, and local government; international organizations and education. Over the past several years, graduates of the Economics program at Illinois State University have pursued a variety of careers, including positions in entry-level business/management, sales, data processing, staff analysis and research, and teaching. An undergraduate degree in economics is also excellent preparation for students who plan to pursue graduate-level studies in economics, business, and law.

Besides providing flexibility in the job market, the Economics major provides you with flexibility in your academic career. Only 31 hours are required for the major and only 18 hours are required for the minor. Specific course requirements for the major and the minor are indicated below. The low number of hours required for the Economics Major or Minor gives you the flexibility to combine it with a major or minor in other disciplines to design your academic program to fit your life goals.

MAJOR IN SOCIAL SCIENCES EDUCATION

The Major in Social Sciences is administered in the Department of History in cooperation with the Departments of Economics; Geography; Political Science; and Sociology-Anthropology. For further information see Social Sciences Programs.

MINOR IN ENVIRONMENTAL STUDIES

The Department of Economics participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under Academic Programs and Courses in this *Undergraduate Catalog*.

MINOR IN URBAN STUDIES

The Department of Economics participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as the section entitled "Minor in Urban Studies" under University Wide Programs in this *Undergraduate Catalog*.

HONORS IN ECONOMICS

Candidates for honors must be Economics majors with a GPA of 3.30 overall and 3.75 or higher in Economics courses. Students will be expected to complete 6 hours of course-work designated as honors coursework within the Department of Economics. These could be ECO 101 and 102 or 105 honors, or 2 in-course honors at the 200- or 300-level. The in-course honors requires individual negotiation with a faculty member teaching the course. In addition, the achievement of honors requires the writing of a substantial original paper. The student will enroll in Independent Honors Study and will receive help from an assigned faculty member. At the end of the semester the student will make an oral presentation of the paper to a meeting of Omicron Delta Epsilon, the Economics Honor Society. One copy of the original paper will be kept in the Department office and be available for inspection. Honors credit will show on the official transcript and will be stated on the diploma.

Economics Programs

Degrees Offered: B.A., B.S.

MAJOR IN ECONOMICS

- 31 hours required.
- Required courses: ECO 105, 138, 240, 241, 300; one 3-hour 300-level ECO course; and MAT 121 or 145.
- A grade of C or better must be earned in ECO 240, 241, and 300.
- 3 elective ECO courses at the 200- or 300-level are required in addition to the required 3-hour 300-level course.
- At least 15 hours of senior college credit from the Illinois State University Department of Economics must be completed. The Department Chairperson may grant exemptions to students whose cumulative GPA is 3.00 or higher.

Concentrations:

A major or minor degree in Economics is an excellent complement to a variety of other majors or customized sets of courses. Economics majors may elect (but are not required to elect) one of the following concentrations. Although no specific courses are required for these concentrations, recommended courses for each are listed below:

1. **Business Economics:** Economic electives: ECO 215, 238, 239 and 320 plus ACC 131 and 132; ENG 249; FIL 208, 218, and 240; and ACS 168.
2. **Electricity, Natural Gas, and Telecommunications Economics:** Economics electives: ECO 235, 238, 239, 320, and 335 plus ACC 131 and 132; ENG 249; and FIL 240, 242 and 347.
3. **Graduate School Preparation:** Economic electives: ECO 238, 330 and 331 plus ENG 249; and MAT 146, 147, 175, 350 and 356.

4. **Human Resources:** Economics electives: ECO 225, 238, 326, and 327 plus ENG 249; FIL 313; MQM 323 and 324; and PSY 220.
5. **International Economics:** Economic electives: ECO 205, 245, 345 and 346 plus ENG 249; INB 190; MQM 350; POS 151 and proficiency in a foreign language.
6. **Pre-Law:** Economic electives: ECO 220, 235, 320 and 335 plus COM 202; ENG 249; FIL 208 and 209; and POS 216 and 218.
7. **Public Policy:** Economic electives: ECO 205, 238, 255, 329, 351 and 355 plus ENG 249; FIL 311; and POS 232, 312 and 318.

MINOR IN ECONOMICS

- 18 hours in Economics required.
- Required course: ECO 105.
- MAT 121 or 145 may be, but are not required to be, used for 4 hours of credit toward the minor.
- ECO 103 may not be counted toward the minor.

MINOR IN ECONOMICS

For Teacher Education:

- Program requirements are the same as those for the Minor in Economics.

Economics Courses

101 PRINCIPLES OF MICROECONOMICS 3 F,S

Supply and demand, determination of market prices and quantities traded; behavior of consumers, and of producers under various product market structures; resource markets; distribution of income; international trade.

102 PRINCIPLES OF MACROECONOMICS 3 F,S

ECO 101 req. Formerly ECO 100.

Determination of gross domestic product (GDP), unemployment and inflation; the banking system; fiscal, monetary, and other macroeconomic policy; international finance and policy.

103 INDIVIDUAL AND SOCIAL CHOICE MC-IS 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc req req in COM 110, or COM 110 and conc req req in ENG 101. May not be taken under the CT/NC option.

Economic impacts of individual and social choices and their influence on social issues. Includes perspectives from other social sciences.

105 PRINCIPLES OF ECONOMICS 4 F,S

Not for cr if had ECO 101 and 102.

Supply and demand in product and resource markets, international trade, determination of GDP, employment, inflation and economic growth.

138 SOCIAL SCIENCE REASONING USING STATISTICS MC-QR 4 F,S

IDS 100; MAT 111, 120, 130, or 145 req. Also offered as GEO/POS/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

202 CURRENT ECONOMIC ISSUES 3 Summer

ECO 101 and 102, or 105 req.

Application of introductory principles to world economic problems, such as energy, pollution, poverty and unemployment.

205 DEVELOPMENT ECONOMICS 3 F or S

ECO 101 and 102, or 105 req.

Principal determinants of economic development and problems associated with generating and accelerating economic growth in less developed areas.

210 COMPARATIVE ECONOMIC SYSTEMS 3 F or S

ECO 101 and 102, or 105 req.

Comparative analysis of several types of economic systems. Discussion of alternative models of economic decision-making. Case studies of such economies as China, Japan, South Africa, Sweden, Russia, and Yugoslavia.

215 MONEY AND BANKING 3 F or S

ECO 101 and 102, or 105 req.

Development and growth of the monetary system. Emphasis on monetary theory and applied policy issues.

220 LAW AND ECONOMICS 3 F or S

ECO 101 or 105 req.

Overview of economic analysis of topics in the common law including property, contract, tort and criminal law.

225 LABOR ECONOMICS AND LABOR PROBLEMS 3 F or S

ECO 101 and 102, or 105 req.

Economic aspects of labor and trade unionism. Emphasis on wage determination, bargaining, manpower and unions.

228 DEMOGRAPHIC ECONOMICS 3 F or S

ECO 101 or 105 req. Formerly ECO 328.

Theoretical and empirical study of the economics of population changes, distributions, and characteristics. Population dynamics, policy issues, and economic consequences.

235 TELECOMMUNICATIONS ECONOMICS AND PUBLIC POLICY 3 F or S

ECO 101 or 105 req.

Introduction to economics and public policy issues confronting the telecommunications industry, including legal aspects, standards, privacy and security issues.

238 CONFRONTING ECONOMIC

THEORY WITH DATA 4 F or S
ECO 101 and 102, or 105 req; ECO/GEO/POS/PSY 138 req.

Non-theoretical study of the basic concepts of econometrics and, in particular, regression analysis, which emphasizes real-world applications, statistical computing, and learning-by-doing.

239 MANAGERIAL ECONOMICS 3 F or S

ECO 101 or 105 req; MAT 121 or 145; and ECO/GEO/POS/PSY 138 rec.

Theoretical and applied study of demand, cost, and production related to the theory of the firm. Developments of current interest; empirical studies intended to affirm or disaffirm applicability of economic principles.

240 INTERMEDIATE

MICROECONOMIC THEORY 3 F,S
ECO 101 or 102, or 105; ECO/GEO/POS/PSY 138 or ECO 131; and MAT 121 or 145 req.

Emphasis on topics regarding resource allocation, scarcity, and distribution of income; theory of consumer choice, theory of the firm, market structures, factor markets, distribution of income, welfare economics, and general equilibrium.

241 INTERMEDIATE

MACROECONOMIC THEORY 3 F,S
ECO 101 and 102, or 105; ECO/GEO/POS/PSY 138 or ECO 131; and MAT 121 or 145 req.

Theory of income, employment, interest rate and price level determination. The government's influence on these variables via monetary and fiscal policies.

**245 THE INTERNATIONAL
ECONOMY**

3 F or S

ECO 101 and 102, or 105 req.

Economic aspects of international issues and problems. Analysis of international trade, trade restrictions, exchange rates and the balance of payments.

255 INTRODUCTION TO

**ENVIRONMENTAL AND NATURAL
RESOURCE ECONOMICS** 3 F or S
ECO 101 or 105 req.

Overview of natural resource and environmental economics. Topics include management of renewable and nonrenewable resources and the economically efficient approach to pollution control.

300 SENIOR PROJECT 1 F,S

ECO 240 and 241 req.

Taken concurrently with a 300-level Economic course. Involves independent out-of-class work on a project designed in consultation with the instructor in the concurrent 300-level course.

300.01 SOCIAL SCIENCE SEMINAR 3 F or S

SSC maj req. ECO 131, or ECO/GEO/POS/PSY 138, or GEO 204 or HIS 200 or 296 or POS 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as GEO/HIS/POS/SOC 300.01.

An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

320 INDUSTRIAL ORGANIZATION 3 F or S

One 200-level ECO course req.

Theoretical and empirical analysis of basic influences on industrial markets and performances. Market practices, the role of competition, and related policy issues.

**326 ECONOMICS OF HUMAN
RESOURCES** 3 F or S

ECO 225 or 240 req.

Theoretical and empirical analysis of labor markets. Education and training, labor mobility, wage structure, discrimination, unemployment, wage and incomes policies.

**327 COLLECTIVE BARGAINING AND
INDUSTRIAL RELATIONS** 3 F or S

ECO 225 or 240 req.

Economic analysis of U.S. industrial relations system; determinants of its structure; collective bargaining environment; trade union structure, administration, growth and power.

**329 ECONOMICS ISSUES IN
EDUCATION** 3 F or S

ECO 225 or 240 req.

Analysis of economic issues in education including efficiency and equity, public vs. private provision of educational services, and education as human capital.

**331 INTERMEDIATE ECONOMIC
STATISTICS** 3 F

ECO 101 and 102, or 105; ECO 131 or ECO/GEO/POS/PSY 138; and MAT 121 or 145 req.

Intermediate level probability and sampling theory. Hypothesis testing. Estimation. Basic econometric principles. Use of common regression packages such as SPSS.

**335 ECONOMICS OF REGULATION
AND ANTITRUST** 3 F or S
ECO 240 req. Formerly ECONOMICS OF TRANSPORTATION AND PUBLIC UTILITIES.

The origins, aims, methods, and effects of economic regulation and antitrust, with an emphasis on case studies.

345 INTERNATIONAL TRADE 3 F or S

ECO 240 or 245 req.

Causes and consequences of international trade. Analysis of tariffs, quotas, other trade restrictions, current trade policy and multinational corporations.

346 INTERNATIONAL MONETARY THEORY 3 F or S

ECO 241 or 245 req.

Mechanisms of international payments and evaluation of the international monetary system. Topics include exchange rates, balance of payments, international monetary cooperation, and connections between the domestic and international economy.

350 PUBLIC FINANCE 3 F or S

One 200-level ECO course req.

Analysis of the economic impacts of government expenditures and taxes on the allocation of resources and the distribution of income.

351 STATE AND LOCAL FINANCE 3 F or S

One 200-level ECO course req.

Economic impacts of state and local government expenditures and taxes, cost benefit analysis, and intergovernmental fiscal relations.

353 THE ANALYSIS OF TIME SERIES 4 F or S

ECO 101 and 102, or 105; ECO 331 or MAT 350 or cons inst req. Also offered as MAT 353.

Theory and application of regression and time series methods with reference to business and economic time series. Topics include regression, exponential smoothing, and Box-Jenkins methods. A computer statistical package will be used.

355 ENVIRONMENTAL ECONOMICS 3 F or S

One 200-level ECO course req.

Theoretical and empirical analysis of environmental pollution generation and of corrective policies. Emphasis upon the resource allocation implications of public policy decisions.

360 HISTORY OF THE AMERICAN ECONOMY 3 F or S

Two 200-level ECO courses or cons inst req.

Recent empirical studies and applications of economic theory to historical problems in an American context. Causes of the Great Depression, economics of slavery, and roles of agriculture, industry, and government in growth.

372 HISTORY OF ECONOMIC THOUGHT 3 F or S

Two 200-level ECO courses or cons inst req.

Economic analysis from the Mercantilists to the American Institutionalists. Relates earlier schools of thought to the contemporary.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ECONOMIC RESEARCH 1-6 F,S

ECO maj/min and cons dept Prof Pract Coord req; 2.2 GPA, and 50 hrs cr req. CR/NC only; not for cr maj/min; must complete dept application.

On-the-job experience as a practicing economist in private industry or government. Interns may be involved in all phases and types of economic research.

ENGLISH (ENG) 424

409 Stevenson Hall, (309) 438-3667

Chairperson: Ron Fortune

Tenured/Tenure-track Faculty:

Distinguished Professors: Getsi, R. Tarr

Professors: I. Brosnahan, L. Brosnahan, Dammers, Elledge, Fortune, C. Harris, V. Harris, Hesse, Kagle, Kalmbach, Morgan, Neuleib, O'Brien, Rutter, Scharton, Shields, Strickland, Wallace, White, Woodson.

Associate Professors: Brasseur, Carr, Hawkins, Huff, McBride, McLaughlin, Susina, A. Tarr, Trites.

Assistant Professors: Broad, Coats, Cruz, Demirci, De Santis, Dunn, Jung, Kim, Lindblom, Saunders, Savage, Stone, Thompson, Tolson, Visor, Ward, Zona.

General Department Information

MINOR IN COGNITIVE SCIENCE

The Department of English participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Programs in this *Undergraduate Catalog*.

HONORS IN ENGLISH

The Department of English offers honors work to qualified students. Honors work includes intensive study in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report and/or examination. Honors work is open only to resident students who have achieved superior academic records and who have demonstrated the ability to profit from independent study.

ENGLISH LANGUAGE INSTITUTE

Under the auspices of the Department of English, the English Language Institute (ELI) provides a special non-degree intensive program (20-hours per week) in English as a Second Language for international students who wish to increase their English proficiency for college-level work or for international students on exchange programs. After the first semester, qualifying students can enroll in one regular University class in addition to their ELI program. In general, students enroll at ELI as full-time students for a semester or more.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a TOEFL score of 550 or equivalent will be admitted to a graduate degree program at the University, provided they also meet the other requirements for admission. Hence, international students who do not have the minimum TOEFL score for admission to a degree program are encouraged to attend ELI first to prepare for admission to such a program at the University.

English Programs

Degrees Offered: B.A., all English majors; B.S., restricted as an option to students in the Teacher Certification Sequence.

MAJOR IN ENGLISH

- 40 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: ENG 100 with C or better and 300.
- 9 hours selected from ENG 283, 284, 285, 286.
- 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 325, 327, 328, 329, 378, 386, 387, 388.
- 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 328, 332, 336.
- 3 hours in language and linguistics selected from ENG 241, 243, 245, 310, 311, 341.
- 3 hours in advanced writing selected from 246, 247, 248, 249.
- Of the remaining 12 hours, at least 6 hours of electives at the 200- through 300-level. Students should be guided by the "Goals of the Major in English at Illinois State University" (available from the Department undergraduate advisor) in choosing their electives.

Teacher Certification Sequence:

- To graduate in the English Major.
- GPA of 2.5 in all English courses taken at Illinois State University required.
- 46 hours in English required, *exclusive* of ENG 101.
- Completion of entitlement program leading to certification: secondary 6-12.
- Required courses for certification and accreditation: ENG 243, 246, 285, 296, and 297. ENG 296 and 297 must be completed with a C or better; these courses include 35 clock-hours of state-mandated pre-student teaching Clinical Experiences.
- Additional required courses: ENG 100 with C or better and 300.
 - 6 hours selected from ENG 283, 284, 286.
 - 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 325, 327, 328, 329, 378, 386, 387, 388. ENG 110 is *strongly recommended* for students who have not taken a high school or community college survey course in British literature.
 - 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 328, 332, 336. ENG 130 is *strongly recommended* for students who have not taken a high school or community college survey course in American literature.
 - 3 hours in language and linguistics selected from ENG 241, 245, 310, 311, 341.
 - 3 hours in multicultural and/or non-canonical literature selected from: 150, 160, 165, 170, 206, 250, 251, 252, 255, 260, 261, 272, 290, 308, 352, 360, 370, 373, 375, 384. ENG 375 is *strongly recommended* for students who have not taken a high school or community college course in adolescent literature.
- Of the remaining 6 hours, at least 3 hours of electives at the 200- through 300-level. Students should be guided by the "Goals of the Major in English at Illinois State University" (available from the Department undergraduate advisor) in choosing their electives. ENG 247 is *strongly recommended* for students who have not taken a high school or community college course in creative writing.

MINOR IN ENGLISH

- 18 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: ENG 100 with C or better; 3 hours selected from ENG 283, 284, 285, 286; at least 9 hours of 200- through 300-level courses.

MINOR IN ENGLISH**For Teacher Education:**

- 24 hours in English required, *exclusive* of ENG 101.
- 2.5 GPA in all English courses taken at Illinois State University.
- Required courses: ENG 100 with C or better; 3 hours selected from ENG 283, 284, 285, 286; ENG 243; 3 hours in composition selected from ENG 246, 291, 297; at least 6 hours of 200- through 300-level courses. To meet state requirements, a course in American literature, British literature, and dramatics is strongly recommended.

MINOR IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

Students enrolling in this program must have at least 2 years of a foreign language or equivalent at the college level in the case of a native speaker of English, or demonstrated proficiency in English at a level commensurate with the student's role as a language model and instructor in the case of a non-native speaker of English.

- 18 hours required.
- Required courses: ENG 341, 343, 344, 345, and 346; 3 hours selected from ENG 241, 243, 310, 440, and COM 370.
- Elective practicum ENG 394.

Approval Certificate in Teaching English as a Second Language:

Students of both graduate and undergraduate standing may obtain an Illinois State Approval for Teaching English as a Second Language by fulfilling the following requirements: 1) fulfill Teacher Education Certification requirements of either the Standard Elementary and/or High School Certificate, 2) complete the 18 hours of required coursework as listed in the minor in TESOL above, and 3) obtain 100 clock hours of ESL Clinical Experience or 3 months of teaching experience in English as a Second Language at the appropriate level. This practical experience may be obtained by enrolling in ENG 394.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN WRITING

Courses taken for the Writing Minor may not count for the English Major.

- 24 hours required, including 15 hours of required courses and 9 hours elected from listed Writing courses.
- Required courses (15 hrs): ENG 145, 246, and 396; also 6 hours selected from ENG 244, 247, 248, 249, 391, 392.
- Electives (9 hrs) selected from ENG 244, 247, 248, 249, 391, and 392 to the extent these courses have not been used to meet the 6-hour requirement previously listed; ENG 283, 291, 297, 347.01, 347.02, 348, 349, 350, 398 (Professional Practice, when it has a significant writing component); COM 166, 267, 268, 385. No more than 2 courses from departments other than English may be used to fulfill the 9-hour elective requirement.

English Courses

The courses offered by the Department of English fall into three categories: those for the General Education Program, those for major and minor fields, and those for specialized aspects in English. English 101 is required of all students for the General Education Program, and it is strongly recommended that students take 101 before taking further courses in English.

100 INTRODUCTION TO ENGLISH STUDIES 3 F,S

English maj/min only.

Introduction to literature, rhetoric, and language and to the concept of English Studies.

101 LANGUAGE AND COMPOSITION IC 3 F,S,Summer

IDS 100 or conc reg req. English Placement Exam req for reg. Not for cr maj/min. May not be taken under the CT/NC option.

Rhetorical approach to writing, taught through extensive collaborative drafting, revising, and editing. Emphasis on critical reading and analysis. Computer-assisted.

104 INTRODUCTION TO LITERATURE: POETRY AND DRAMA 3 F,S

Not for cr maj/min or if had ENG 100.

Critical and analytical study of the chief literary forms of poetry and drama; written essays.

105 INTRODUCTION TO LITERATURE: PROSE FICTION 3 F,S

Not for cr maj/min or if had ENG 100.

Critical and analytical study of the chief literary forms of the short story and novel; written essays.

106 INTRODUCTION TO LITERATURE:**LITERARY THEMES AND TOPICS 3**

Not for cr maj/min. May be repeated once if topic and content are different.

A critical and analytical study of literary works based on a particular theme or topic; written essays.

107 LITERATURE AND FILM**3 F,S**

Not for cr maj/min.

A critical and analytical study of literary works and the films adapted from them with attention to the characteristics of each medium; written essays.

110 MASTERPIECES OF**ENGLISH LITERATURE 3 F,S**

A chronological study of the main movements in English literature. Readings of entire works representative of the movements.

122 INTRODUCTION TO SHAKESPEARE 3

Not for cr maj/min.

An introduction to Shakespeare as a literary and dramatic writer, through a study of representative plays.

125 LITERARY NARRATIVE MC-LH 3 F,S

IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as FOR 125.

Critical reading and analysis of a variety of literary narratives that reflect on human experience.

128 GENDER IN THE**HUMANITIES MC-LH 3 F,S**

IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as COM/FOR 128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

130 MASTERPIECES OF**AMERICAN LITERATURE 3 F,S**

A chronological study of the main movements in American literature. Readings of entire works representative of the movements.

131 AMERICAN CULTURE:**TRADITIONS AND TEXTS MC-UST 3 F,S**

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS 131.

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art.

141 HUMAN LANGUAGE**3 F,S**

Not for cr Teacher Certification Seq.

Introduction to the study of human language, the branches of the field, its past, present, and future.

143 UNITY AND DIVERSITY**IN LANGUAGE OC-KD/SS 3 F,S**

Inner Core req. Also offered as ANT/FOR 143.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

145 LANGUAGE AND COMPOSITION II 3 F,S

ENG 101 req.

Extensive writing based on interests of students. One research paper. Computer-assisted.

150 MASTERPIECES OF WORLD**LITERATURE TO 1350 3**

Readings in ancient and medieval literature, including Dante.

160 WOMEN IN LITERATURE 3 F,S

Female experiences in literature. A variety of genres and historical periods.

165 AFRICAN-AMERICAN LITERATURE 3 F,S

Contributions to American literature by representative African-American authors, with emphasis on the 20th century.

170 FOUNDATIONS IN**LITERATURE FOR CHILDREN 3 F,S**

Prose and poetry for children ages 5-14; emphasis on classics, best of the 20th century works, folklore heritage, and mythology.

**201 SPECIALIZED KNOWLEDGE
AND INTEGRATIVE CONTEXTS****IN ENGLISH STUDIES 3**

C or better in ENG 100 or cons dept chair req.

Study of a specialized topic (a writer, a literary form, a concept in linguistics or in writing, etc) from several disciplinary perspectives within English Studies.

**206 CULTURAL EXPRESSIONS IN
SOCIAL CONTEXTS: WOMEN
OF ASIA, LATIN AMERICA AND
AFRICA OC-DKCC/H 3 F,S**

IDS 100; ENG 101; COM 110 req.; MC-IS category req. WS 120 rec. Also offered as FOR 206.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern.

**213 MEDIEVAL ENGLISH LITERATURE
AND CULTURE 3**

C or better in ENG 100 or cons dept chair req.

English literature during the Middle Ages from the 7th century to the 15th. Readings in translation from Old and Middle English.

**214 LITERATURE OF THE
RENAISSANCE 3**

C or better in ENG 100 or cons dept chair req.

English literature during the 15th and 16th centuries; the dramatic literature exclusive of Shakespeare, prose and poetic writings.

**215 LITERATURE OF THE
SEVENTEENTH CENTURY 3**

C or better in ENG 100 or cons dept chair req.

Prose and verse writers of the 17th century. Chief attention to the Cavalier and Metaphysical poets and major prose works.

**216 LITERATURE OF THE
EIGHTEENTH CENTURY 3**

C or better in ENG 100 or cons dept chair req.

English literature from 1660 to 1780, the Augustan Age. Chief attention to Dryden, Pope, Swift, and Johnson.

- 217 LITERATURE OF THE ROMANTIC PERIOD** 3
C or better in ENG 100 or cons dept chair req.
 Writers of England, 1780 to 1830—the Romantic reaction. Chief attention to Wordsworth, Coleridge, Byron, Shelley, Keats, and Scott.
- 218 LITERATURE OF THE VICTORIAN PERIOD** 3
C or better in ENG 100 or cons dept chair req.
 Emphasis on the poetry of Tennyson, Browning, Arnold, and the Pre-Raphaelites, with some attention to the chief prose writers of the period.
- 219 CONTEMPORARY ENGLISH LITERATURE** 3 F,S
C or better in ENG 100 or cons dept chair req.
 Major English writers of the 20th century with attention to contemporary trends in thought and expression.
- 222 SHAKESPEARE'S EARLIER WORKS** 3
C or better in ENG 100 or cons dept chair req.
 Selected works through 1600 with emphasis on comedies and histories.
- 223 SHAKESPEARE'S LATER WORKS** 3
C or better in ENG 100 or cons dept chair req.
 Selected plays after 1600 with emphasis on tragedies.
- 229 INTRODUCTION TO LITERARY GENRES** OC-KD/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH category req.
 Formal and historical study of literary genres—poetry, drama, prose narrative—as structures of knowledge.
- 231 AMERICAN LITERATURE: 1607-1830** 3
C or better in ENG 100 or cons dept chair req.
 Colonial American writers and Neo-Classicism in America from the beginnings of American literature to Washington Irving.
- 232 AMERICAN LITERATURE: 1830-1870** 3 F,S
C or better in ENG 100 or cons dept chair req.
 Main figures and movements of mid-19th century American literature. Emphasis on Hawthorne, Melville, Poe, Emerson, and Whitman.
- 233 AMERICAN LITERATURE: 1870-1920** 3
C or better in ENG 100 or cons dept chair req.
 The rise of realism and naturalism in America. Emphasis on writers such as Twain, Crane, Norris, James, Howells, Dreiser, and the chief poetic movements.
- 234 AMERICAN LITERATURE: 1920-1945** 3 F,S
C or better in ENG 100 or cons dept chair req.
 Trends in American literature between the World Wars. Emphasis on Eliot, Hemingway, Faulkner, and their contemporaries.
- 236 AMERICAN LITERATURE: 1945-PRESENT** 3 F,S
C or better in ENG 100 or cons dept chair req.
 Present-day trends in American literature.
- 241 GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE** 3 F,S
 An introduction to the history of English designed to help students understand language change and the state of contemporary English.
- 243 TRADITIONAL AND NON-TRADITIONAL GRAMMARS** 3 F,S
 Various grammatical descriptions of English: traditional, structural, and transformational generative systems.
- 244 APPLIED GRAMMAR AND USAGE FOR WRITERS** 3
ENG 100 or 145 req.
 Traditional, structural, and transformational grammars applied to needs of writers. Choosing among alternative grammatical strategies. Usage; semantics of punctuation. Revising.
- 245 SEMANTICS** 3 F,S
Formerly GENERAL SEMANTICS.
 The nature of meaning and the functions of language.
- 246 ADVANCED EXPOSITION** 3 F,S
ENG 100 or 145 req.
 Extensive writing of essays developed in greater depth and sophistication in subject matter than those written in previous writing courses. Computer-assisted.
- 247 CREATIVE WRITING** 3 F,S
 Opportunity for creative writing of various kinds, such as narrative, drama, and verse, determined largely by each student's individual interest.
- 248 PRELAW EXPOSITION** 3 F
ENG 101 req.
 Advanced writing course for prelaw students.
- 249 TECHNICAL WRITING I** 3 F,S
ENG 101 req.
 Instruction and practice in writing professional papers and reports; attention given to organization, correctness, and acquisition of clear professional style. Computer-assisted.
- 250 LITERATURE OF THE BIBLE I** 3
 Major ideas and literary forms of the Old Testament.
- 251 LITERATURE OF THE BIBLE II** 3
 Major ideas and literary forms of the Apocrypha and the New Testament.
- 252 WORLD LITERATURE: 1350-1800** 3
C or better in ENG 100 or cons dept chair req.
 European literature from the Renaissance through Early Romanticism. A comparative study of literary history, ideas, themes and genres.
- 255 MODERN WORLD LITERATURE: 1800-PRESENT** 3
C or better in ENG 100 or cons dept chair req.
 World literature from later Romanticism through Modernism. A comparative study of literary history, ideas, themes and genres.
- 260 HISTORY OF LITERATURE BY WOMEN** 3 F,S
 Women writers in the Western tradition from the late Middle Ages to the present; emphasis on those writing in English.

- 261 WOMEN'S LITERATURE IN A GLOBAL CONTEXT** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH category req.

Literature by women of diverse ethnicities to examine varieties of texts and their cultural construction.

- 271 LITERATURE FOR YOUNG CHILDREN** 3 F,S
Does not repeat material of ENG 170.

Wide reading of books available for children ages 5 to 9, criteria for book selection, development of literature experiences.

- 272 LITERATURE FOR PRE-ADOLESCENTS** 3 F,S
Does not repeat material of ENG 170.

Wide reading in variety of books available for ages 9 to 14, criteria for book selection, development of literature experiences.

- 283 RHETORICAL THEORY AND APPLICATIONS** 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.

Critical and analytical examination of the nature and historical development of rhetorical theory and its applications to contemporary discourse.

- 284 POETRY** 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.

Critical and analytical examination of the nature and historical development of poetry.

- 285 DRAMA** 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.

Critical and analytical examination of the nature and historical development of drama as a genre.

- 286 PROSE** 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.

Critical and analytical examination of the nature and historical development of prose literature—fiction and non-fiction.

- 290 LANGUAGE ARTS** 3 F,S
The study of language development and experiences in areas such as thinking, listening, speaking, writing, vocabulary development, usage, and spelling.

- 295 TEACHING LITERATURE AND WRITING IN THE MIDDLE SCHOOL** 3 F
Not to be taken by English Ed maj without permission.

Surveys recent scholarship on composition and literary theory and examines implications for teaching literature and writing at the middle school level. Computer assisted.

- 296 THE TEACHING OF LITERATURE** 3 F
C or better in C&I 216 or conc reg req. Incl Clin Exp: 18 hrs, Type 1-5 and 9. Adm to Teacher Ed req.

Examines implications of current scholarship in literary theory for teaching literature at the secondary level.

- 297 THE TEACHING OF WRITING** 3 F
C or better in C&I 216 or conc reg req. Incl Clin Exp: 18 hrs, Type 1-5 and 9. Adm to Teacher Ed req.

Examines implications of current scholarship in composition theory for teaching writing at the secondary level. Computer assisted.

- 300 SENIOR SEMINAR** 4 F,S

English maj and sr standing or cons dept chair req.
Intensive study of an announced area and the formulation of an individual portfolio.

- 308 LITERATURE AND THE RELATED ARTS** 3

Jr/sr standing or cons dept chair req.
Formal, aesthetic, and cultural relationships among literature, art, and music with special emphasis upon literary understanding.

- 310 HISTORY AND DEVELOPMENT OF THE ENGLISH LANGUAGE** 3

Jr/sr standing or cons dept chair req.
Development of the English language from the Old English period to the present, with attention to operational structures of contemporary English.

- 311 INTRODUCTION TO OLD ENGLISH LANGUAGE AND LITERATURE** 3

Jr/sr standing or cons dept chair req.
Elements of Old English grammar, with selected readings in Old English literature.

- 320 CHAUCER** 3

C or better in ENG 100 and jr/sr standing or cons dept chair req.

Literary and linguistic study of the major works of Chaucer; text in Middle English.

- 324 MILTON** 3

C or better in ENG 100 and jr/sr standing or cons dept chair req.

Major poetry and prose of John Milton; special attention to "Paradise Lost."

- 325 ENGLISH DRAMA BEFORE 1642** 3

C or better in ENG 100 and jr/sr standing or cons dept chair req.

English drama, excluding Shakespeare, from its beginning to the closing of the theatres; authors such as Marlowe, Jonson, Webster.

- 327 RESTORATION AND EIGHTEENTH-CENTURY DRAMA** 3

C or better in ENG 100 and jr/sr standing or cons dept chair req.

English drama from 1660 to 1800, including playwrights such as Dryden, Wycherley, Congreve, Goldsmith, and Sheridan.

- 328 MODERN BRITISH AND AMERICAN DRAMA** 3

C or better in ENG 100 and jr/sr standing or cons dept chair req.

20th-century British and American drama and related criticism; playwrights such as Shaw, O'Neill, Williams, Albee, Pinter, and Beckett.

- 329 SELECTED FIGURES IN BRITISH LITERATURE** 3

C or better in ENG 100 and jr/sr standing or cons dept chair req. May be repeated if content different.

Important literary figures, genres, or movements.

- 332 SELECTED FIGURES IN AMERICAN LITERATURE** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May be repeated if content different.
 Important literary figures, genres, or movements.

- 336 THE AMERICAN NOVEL** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.

Historical survey of major American novelists, including authors such as Twain, Hawthorne, Melville, Crane, Hemingway, Faulkner, and Barth.

- 341 INTRODUCTION TO DESCRIPTIVE LINGUISTICS** 3 F,S
Jr/sr standing or cons dept chair req.

Aims and methods of linguistic science. Nature and functions of language: phonology, morphology, syntax, dialectology. Relationship of language to culture.

- 343 CROSS-CULTURAL ASPECTS IN TESOL** 3
ENG 241 or 243 or 341 req.

The relationship between language, culture, and cultural awareness in the learning and teaching of English as a Second Language.

- 344 TESOL: THEORETICAL FOUNDATIONS** 3
ENG 243 or 341 req.

Linguistic theories; first and second language acquisition; cognitive, affective, and cultural factors in teaching English as a Second Language.

- 345 TESOL: METHODS AND MATERIALS** 3
ENG 344 req. Inc Clin Exp.

Methodologies and techniques for teaching English as a Second Language; evaluation of materials for various levels and instructional goals.

- 346 ASSESSMENT AND TESTING IN ESL** 3
ENG 341 req.

Assessing oral and written proficiency in English as a Second Language.

- 347.01 ADVANCED CREATIVE WRITING: POETRY** 3 F,S
ENG 247 or grad standing. May be repeated if content different.

Workshop format for individual projects.

- 347.02 ADVANCED CREATIVE WRITING: PROSE** 3 F,S
ENG 247 or grad standing. May be repeated if content different.

Workshop format for individual projects.

- 348 PLAYWRITING** 3
Also offered as THE 348.

Playwriting techniques of selected masters with practical application of techniques in writing original plays.

- 349 TECHNICAL WRITING II** 3 F,S
ENG 249 or grad standing req. Also offered as IT 349.

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication. Computer-assisted.

- 350 VISIBLE RHETORIC** 3
ENG 246, 247, or 249 or cons inst req.

Study of the visible elements of rhetoric and of publishing as an integrating activity in English. Computer assisted.

- 351 HYPERTEXT** 3
ENG 246, 247, or 249 or cons inst req.

Writing workshop emphasizing the creation of electronic, screen-bound documents. Includes study of interactive literature, on-line documentation, hypermedia, and electronic publishing.

- 352 SELECTED FIGURES IN WORLD LITERATURE** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May be repeated if content different.

Important literary figures, genres, or movements.

- 353 TECHNICAL EDITING** 3 F,S
ENG 244 or COM 166 or graduate status or cons of inst req.

Theory and practice of editing and management of documentation in industry and other organizational settings. Computer assisted.

- 360 STUDIES IN WOMEN AND LITERATURE** 3
Jr/sr standing or cons dept chair req.

Studies in literature by or about women, focusing on stereotyping of male and female experience and developing feminist aesthetic theories.

- 370 STUDIES IN THE HISTORY OF LITERATURE FOR YOUNG PEOPLE** 3
ENG 170 or conc dept chair req. May be repeated if content different.

Advanced critical, chronological examination of literature for children and adolescents from folklore origins to 1900.

- 372 STUDIES IN CONTEMPORARY LITERATURE FOR YOUNG PEOPLE** 3
ENG 170 or conc dept chair req. May be repeated if content different.

A problem-centered course, emphasizing trends and research related to recent literature for children and early adolescents.

- 373 VERSE FOR CHILDREN** 3
ENG 170 or cons dept chair req.

Verses for children and early adolescents, including various categories, elements, and well-known poets in the field.

- 374 STORYTELLING** 3

The art of storytelling based on knowledge of folklore heritage with experiences in oral transmission of literature in a variety of settings.

- 375 STUDIES IN LITERATURE FOR ADOLESCENTS** 3
Jr/sr standing or cons dept chair req. May be repeated if content different.

Advanced critical examination of literature for young adults with emphasis on trends and research.

- 378 SHAKESPEARE ON STAGE** 3 Summer
C or better in ENG 100 and jr/sr stranding or cons dept chair req. May be repeated once. Also offered as THE 378.

An intensive study of Shakespeare's plays in production. For the student with adequate familiarity with Shakespeare and his works.

- 381 STUDIES IN LITERARY GENRES** 3
C or better in ENG 100 and jr/sr stranding or cons dept chair req. May be repeated if content different.
 Systematic study of theory and practice of a literary type or genre.

- 382 LITERARY CRITICISM** 3
C or better in ENG 100 and jr/sr stranding or cons dept chair req.

Historical survey of selected great texts in literary and critical theory from Plato to the present.

- 384 INTRODUCTION TO CULTURAL THEORY** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.

Introduction to the history and practice of interpretive cultural theory.

- 386 THE EIGHTEENTH-CENTURY ENGLISH NOVEL** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.

The English novel from its origins through the 18th century, including writers such as Richardson, Fielding, Smollett, and Steme.

- 387 THE NINETEENTH-CENTURY ENGLISH NOVEL** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.

The English novel between 1800 and 1900, treating writers such as Austen, Thackeray, Dickens, Eliot, and Hardy.

- 388 THE TWENTIETH-CENTURY ENGLISH NOVEL** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.

The English novel since 1900, treating writers such as Lawrence, Woolf, Joyce, and Greene.

- 390 RESEARCH STUDIES IN LANGUAGE ARTS** 3
Jr/sr standing or cons dept chair req.

Critical study of current practice and research in language arts and language development.

- 391 SURVEY OF CLASSICAL RHETORIC** 3 F
C or better in ENG 100 and jr/sr standing or cons dept chair req.

Rhetorical theories from ancient Greece to 1900, emphasizing Plato, Aristotle, Cicero, and Quintilian.

- 392 MODERN THEORIES OF RHETORIC** 3 S
C or better in ENG 100 and jr/sr standing or cons dept chair req.

Study of the principles of rhetoric to serve as basis for understanding contemporary rhetorical theories.

- 394 TESOL PRACTICUM** 1-6
ENG 345 req.

Observation, case studies, tutoring, instructional assistance, and/or direct instruction in English as a Second Language.

- 395 PROBLEMS IN THE TEACHING OF ENGLISH** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req or experience in teaching (student teaching acceptable). May be repeated if topics different.

Theory and practice in the teaching of language, literature, and composition at the secondary and community college levels.

- 396 THE WRITING SEMINAR** 3 F,S
ENG 246 or grad standing or cons dept chair req.

Concentration upon a major writing project and the formulation of an individual Writing Portfolio.

- 398 PROFESSIONAL PRACTICE: INTERNSHIP IN ENGLISH** 1-6 F,S
Cons inst and dept chair req. May be repeated; max 6 hrs toward maj/min; max 16 hrs toward graduation.

Supervised field experience in English with local, state, national, and international businesses, agencies, institutions (including colleges and universities), and organizations.

FOREIGN LANGUAGES (FOR) 430

114 Stevenson Hall, (309) 438-3604

Chairperson: Carl Springer

Tenured/Tenure-track Faculty:

Distinguished Professor: Urey.

Professors: Bohn, Kurtz, Laurenti, Springer.

Associate Professors: Alstrum, Berry, Davies, Kapanga, Nance, Reid, Segelcke, Thomas, Trouille, VanderLaan, Weeks, Widdison.

Assistant Professors: Dowell, Heggie, McClennen, Mir, Pancrazio, Pao.

General Department Information

HONORS IN FOREIGN LANGUAGES

The Department invites highly qualified majors (or double majors) to distinguish themselves by earning honors in French, German, or Spanish. To be admitted to the program a student must: 1. have completed 60 hours of university-level work; 2. be a declared major or double major in Foreign Languages; and 3. have a minimum overall GPA of 3.3 with a GPA of 3.6 in the chosen language. In order to graduate with departmental honors a student must: 1. complete the general requirements for the major; 2. maintain an overall GPA of 3.3 and a GPA of 3.6 in the major language; 3. complete 9 hours of in-course honors work at the 300-level in the major; 4. complete an honors thesis while enrolled as a senior in either FOR 299, Independent Honors Study, or FOR 395, Senior Seminar. Students interested in participating may obtain additional information from the Director of the Honors Program in Foreign Languages. The Department also offers in-course honors work for students enrolled in the University Honors Program at the discretion of the instructor.

ASSOCIATED MINORS

The Department of Foreign languages participates in the minors in Latin American Studies, International Studies, and Cognitive Science. For further information, please consult the Department advisor as well as the section entitled "Academic Programs and Courses" in this *Undergraduate Catalog*.

MINOR IN EAST ASIAN STUDIES

Advisor: Dr Roger Thomas, Dept of Foreign Languages

The minor in East Asian Studies combines four semesters' study of East Asian language and coursework in the region's history, literature, and culture.

- 25 hours required.
- Required courses: two-year sequence (16 hrs) in an East Asian language; either Chinese 111, 112, 115, 116 or Japanese 111, 112, 115, 116.
- Additional hours from approved electives: ANT 294; FOR (JPN) 231; FOR (JPN) 232; HIS 125, 269, 275, 276, 373, 375; PHI 208; POS 245, 345. See course descriptions by department. Other electives, including coursework taken abroad, may be counted toward the minor with prior approval of minor advisor.

MINOR IN FOREIGN LANGUAGES IN THE ELEMENTARY SCHOOL (FLES)

For advisement, please contact the Department of Foreign Languages.

The Minor in Foreign Languages in the Elementary School (FLES) is designed primarily for Elementary Education majors who plan to teach a foreign language as part of the elementary school curriculum. Students take courses in a single target language and a course in FLES methodology, including practicum experience. Completion of the minor constitutes completion of the 18 hour area requirement for Elementary Education.

- A minimum of 23 and a maximum of 31 hours required. The number of hours required for the FLES minor depends on the level at which a student begins the program. Students with no previous foreign language study begin with FOR 111 and complete 31 hours; students with 2 years of high school foreign language (or equivalent) begin with FOR 112 and must complete 27 hours beyond 111; students with 3 or more years of foreign language begin at 115 and must complete 23 hours beyond 112. Consult the Foreign Languages advisor if additional placement information is needed.

Student may complete the FLES minor in French, German, Japanese, or Spanish:

- Required courses for French FLES: FR 111, 112, 115, 116, 213, 214, 220 or 305, 235; FOR 355.
- Required courses for German FLES: GER 111, 112, 115, 116, 211, 213, 214, 217, or 218; FOR 355.
- Required courses for Japanese FLES: JP 111, 112, 115, 116, 211, 231, 232, 285; FOR 355.
- Required courses for Spanish FLES: SP 111, 112, 115, 116, 213, 214, 223, 243 or 244; FOR 355.

(FOR 214 not for credit if have ACTFL speaking score of Advanced. See Foreign Language advisor for substitute courses.)

20 clinical hours of types 1, 2, 4, and 5, usually taken while enrolled in FOR 355.

French Programs

Degree Offered: B.A.

MAJOR IN FRENCH

- A minimum of 35 hours and maximum of 43 hours in French are required. The number of hours required for the Major in French depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 43 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 39 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 35 hours beyond 111 and 112.
- Required courses: FR 115, 116, 213, 220, 221, 222, 235, 395, plus 9 elective hours at the 300-level or above including at least one 300-level literature course.

Teacher Certification Sequence:

- A minimum of 37 hours and a maximum of 45 hours in French are required. The number of hours required for the Major in French for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 45 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 41 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 37 hours beyond 111 and 112.
- Required courses: FR 115, 116, 213, 214, 220, 235, 305, 309; FOR 319, 320; and either FR 221 or 222, plus sufficient electives to meet the total hour requirement as indicated previously.
- Part of entitlement program leading to certification: secondary 6-12.
- Recommended electives: FR 321, 340, 395; FOR 321.

MINOR IN FRENCH

- 25 hours in French required.
- Required courses: FR 111, 112, 115, 116, 213; plus sufficient electives to meet the 25-hour requirement.

MINOR IN FRENCH

Teacher Certification Requirements:

- A minimum of 26 and a maximum of 34 hours in French are required. The number of hours required for the Minor in French for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 34 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 30 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 26 hours beyond 111 and 112.
- Required courses: FR 115, 116, 213, 214, 309; FOR 319; plus sufficient electives to meet the total hour requirements as indicated above.
- Recommended electives: FR 220, 221, 222, 235, 340; FOR 320, 321.

German Programs

Degree Offered: B.A.

MAJOR IN GERMAN

- 35-43 hours in German required. The number of hours required for the Major in German depends on the level at which the student begins the program. Students with no previous study in German begin in 111 and are required to complete 43 hours. Students with 2 years of high school German or equivalent normally begin with 112 and are required to complete 39 hours, exclusive of 111. Students with 3 years of high school German or equivalent normally begin in 115 and are required to complete 35 hours, exclusive of 111 and 112.
- Required courses: GER 115, 116, 211, 213, 214, 217, 222, 395, and 1 literature course at the 300-level, plus sufficient electives to meet the total hour requirement indicated above.

Teacher Certification Sequence:

- 37-45 hours in German required. Part of entitlement program leading to certification: secondary 6-12.
- Required courses: GER 115, 116, 211, 213, 214, 217, 218, 309; FOR 319, 320; and 1 literature course at the 300-level, plus sufficient electives to meet the total hour requirement indicated below.
- Recommended electives: GER 216, 222, 313, 395; FOR 321.
- The number of hours required for the Major in German for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and are required to complete 45 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and are required to complete 41 hours, exclusive of 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and are required to complete 37 hours, exclusive of 111 and 112.

MINOR IN GERMAN

- 25 hours in German required.
- Required courses: GER 111, 112, 115, 116, 211, 213, plus sufficient electives to meet the 25-hour minimum.

MINOR IN GERMAN

For Teacher Education:

- 26-34 hours in German required.
- Required courses: German 115, 116, 211, 213, 214, 217 or 218; FOR 319, plus sufficient electives to meet the total hour requirement indicated previously.
- Recommended electives: GER 216, 222, 309; FOR 320, 321.
- The number of hours required for the Minor in German for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and are required to complete 34 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and are required to complete 30 hours, exclusive of 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and are required to complete 26 hours, exclusive of 111 and 112.

Latin Programs

MINOR IN LATIN

- 25 hours in Latin and related courses required.
- Required courses: LAT 111, 112, 115, 116, 221, 222, plus sufficient electives to meet the 24-hour minimum.
- Electives: FOR 105, 106; HIS 221; PHI 254; ART 368, or others approved by Department.

MINOR IN LATIN

Teacher Certification Requirements:

- Program requirements are the same as those for the Minor in Latin.
- Students not majoring in Foreign Languages Education are encouraged to take FOR 319.

Spanish Programs

Degree Offered: B.A.

MAJOR IN SPANISH

- A minimum of 35 hours and a maximum of 43 hours in Spanish required. The number of hours required for the major in Spanish depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 43 hours. Students with 2 years of high school Spanish (or equiv) normally begin with SPA 112 and must complete 39 hours beyond 111. Students with 3 years of high school Spanish (or equiv) normally begin with SPA 115 and must complete 35 hours beyond SPA 111 and 112.
- Required courses: SPA 115, 116, 213, 223, 233, 395, and 2 of the following 3: SPA 253, 254, 255; plus 9 elective hours, 2 courses of which must be taken at the 300-level or above.
- Recommended elective: SPA 214 (not for credit if have ACTFL speaking score of Advanced).

Teacher Certification Sequence:

- Part of entitlement program leading to certification: secondary 6-12.
- A minimum of 37 hours and a maximum of 45 hours in Spanish required. The number of hours required for the Major in Spanish for Teacher Certification depends upon the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 45 hours. Students with 2 years of high school Spanish (or equiv) normally begin with SPA 112 and must complete 41 hours beyond 111. Students with 3 years of high school Spanish (or equiv) normally begin with SPA 115 and must complete 37 hours beyond SPA 111 and 112.
- Required courses: SPA 115, 116, 213, 223, 243, 244 or 305, 309; FOR 319, 320; plus sufficient electives to meet the total hour requirement previously indicated.
- Recommended electives: SPA 214, 233, 253; 254, 255; 395, (214 not for credit if have ACTFL speaking score of Advanced); FOR 321.

MINOR IN SPANISH

- 25 hours in Spanish required.
- Required courses: SPA 111, 112, 115, 116, 214 or 223 (214 not for credit if have ACTFL speaking score of Advanced), and one literature course at the 200-level or above, plus sufficient electives to meet the total hour requirement previously indicated.
- Recommended elective: SPA 223, if not taken to fulfill requirement.

MINOR IN SPANISH**For Teacher Education:**

- A minimum of 26 and a maximum of 34 hours in Spanish required. The number of hours required for the Minor in Spanish for teacher certification depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 34 hours. Students with 2 years of high school Spanish (or equiv) normally begin with SPA 112 and must complete 30 hours beyond SPA 111. Students with three years of high school Spanish (or equiv) normally begin with SPA 115 and must complete 26 hours beyond SPA 111 and 112.
- Required courses: SPA 115, 116, 213, 214 or 223, 309; FOR 319; plus sufficient electives to meet the total hour requirement previously indicated.
- Recommended electives: SPA 214, 243, 244 (214 not for credit if have ACTFL speaking score of Advanced), 305; FOR 319, 320, 321.

Teacher Education Requirements:

Students seeking a Teacher Education degree must complete University-wide Teacher Education program requirements. These include a minimum GPA of 2.5 in major. All Teacher Education majors must complete FOR 319 and 320. FOR 319 is taken in the fall semester and 320 in the spring semester of the junior or senior year. Teacher Education students are encouraged to apply for Admission to Teacher Education as soon as they have completed 30 hours, and must complete the Professional Education course work, the state of Illinois General Education requirements for Teacher Certification or Illinois State University's General Education Program in its entirety and all other Teacher Education requirements (See College of Education section of the *Undergraduate Catalog*).

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Foreign Languages Courses

Consult the *Class Registration Directory* to determine which courses will be offered in a given semester.

For those languages which have no specific placement recommendations listed in this *Undergraduate Catalog*, students who have had no prior instruction in a foreign language, or 1 year of instruction, should enroll in the 111 course for the appropriate language. Students who have had 2, 3 or 4 years generally enroll in 112, 115 or 116 respectively. If prior language study took place more than 1 year earlier, a student may choose to enroll at a lower level. Transfer students and native speakers should consult with the Department's academic advisor to determine proper placement.

CREDIT FOR ACQUIRED PROFICIENCY (CAP)

If the first Foreign Languages course in which a student enrolls is above 111 in the regular sequence (112, 115, 116 or above), he or she may be eligible for proficiency acquired elsewhere. Student must apply for CAP by filling out a short form in the Department of Foreign Languages.

Credit toward graduation for acquired proficiency will be granted upon completion at Illinois State University of 1 course (excluding Independent Study) with the grade of C or better. It is recommended that the course be taken as soon as possible after matriculation at Illinois State University. Students are reminded that no course in the major or minor may be taken under the CT/NC option.

Students beginning at the 112-level and fulfilling the previous requirements will be granted 4 hours of CAP. Students beginning at the 115-level or above and fulfilling the above requirements will be granted 8 hours of CAP.

300-Level Foreign Languages Courses:

Instruction in courses in literature and culture of the major fields of specialization (French, German, Spanish) will be given in the language of specialization whenever possible.

General Courses

106 MYTH AND MEANING OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. MC-LH category rec.
Major myths of the world; their nature, origins, cultural significance, interpretation, and relevance today.

119 CONTINUITY AND CHANGE: INTRODUCTION TO WESTERN CULTURE OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. Also offered as HIS 119.

Study of three key epochs in Western cultural history with emphasis on the dynamics of change and the forces of tradition.

- 125 LITERARY NARRATIVE MC-LH 3 F,S**
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as ENG 125.

Critical reading and analysis of a variety of literary narratives that reflect on human experience.

- 128 GENDER IN THE HUMANITIES MC-LH 3 F,S**
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as COM/ENG128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

- 143 UNITY AND DIVERSITY IN LANGUAGE OC-KD/SS 3 F,S**
Inner Core req. Also offered as ANT/ENG 143.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

- 206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA OC-DKCC/H 3 F,S**
IDS 100; ENG 101; COM 110 req.; MC-IS category req. WS 120 rec. Also offered as ENG 206.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern.

- 300 RESEARCH IN FOREIGN LANGUAGES 1-3 F,S**
Cons dept chair req.

Supervised work in a foreign literature, in comparative language studies, or in educational materials for foreign language laboratory. Assignments will depend on the preparation and interest of the student.

- 319 PRINCIPLES IN FOREIGN LANGUAGE LEARNING 3 F**
FRE 235 or SPA 213 or 309 or 310 or GER 309 or 313 or conc reg req. C or better in C&I 216 or PSY 215 or conc reg req. Incl Clin Exp: 25 hrs, Type 1, 2, 5, 9, 10. Adm to Teacher Ed req.

Processes of second language acquisition. Emphasis on the use of contrastive and error analysis to identify and predict common student errors in the target language.

- 320 FOREIGN LANGUAGE TEACHING IN THE SECONDARY SCHOOL 2 S**
FOR 319.11 req. Incl Clin Exp: 12 hrs, Type 1, 5, 10. Adm to Teacher Ed req.

Methods of teaching foreign languages in the secondary school. Special emphasis is given to materials and activities leading to mastery.

- 321 MEDIA MATERIALS AND USE IN THE TEACHING OF FOREIGN LANGUAGES 2 S**
C or better in C&I 216 or PSY 215 or conc reg req. COM 240 rec.

Supplementing the basic methodology of Foreign Language teaching with media materials and the techniques for their use in the language classroom.

- 350 FOREIGN LANGUAGE TESTING AND ASSESSMENT 3 F,S**
FR, GER, or SP 213 or equiv; foreign language proficiency req; FOR 319 or 475 rec.

Exploration of development and uses of language tests according to current views of foreign language teaching.

- 355 ELEMENTARY SCHOOL FOREIGN LANGUAGE METHODS 3 F,S**
FR, GER, or SP 213 or equiv; foreign language proficiency req.

Development of skills for teaching foreign languages in the elementary school in the context of various program models.

- 398 PROFESSIONAL PRACTICE: INTERNSHIPS AND COOPERATIVE EDUCATION IN FOREIGN LANGUAGE 1-16 F,S,Summer**
Complete dept application procedure. Max 16 hrs toward graduation. Depending upon nature of placement, dept may allow 1-4 hrs to count toward maj/min in language used. May be repeated.

Chinese Courses

- 111 FIRST-YEAR CHINESE (PART I) 4 F**

Introductory chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

- 112 FIRST-YEAR CHINESE (PART II) 4 S**

Continuation of Introductory Chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

- 115 SECOND-YEAR CHINESE (PART I) 4 F**

Chinese 112 or cons dept chair req.

Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities.

- 116 SECOND-YEAR CHINESE (PART II) 4 S**

Chinese 115 or cons dept chair req.

Continuation of Chinese 115.

Classics Courses

- 105 CLASSICAL MYTHOLOGY 3 F,S**
Taught in English.

The major myths; their nature, origins, interpretations, influence, relevance, and use in the modern world. Designed to enable the student to understand and appreciate the use of classical mythology in literature, art, and music.

French Courses

- 111 FIRST-YEAR FRENCH (PART I) 4 F,S**

Not rec if student had 3 yrs of high school French. Not for cr if had FR 115 or 116.

Pronunciation; essentials of grammar; exercises in hearing, speaking and writing French; reading material of graded difficulty.

- 112 FIRST-YEAR FRENCH (PART II) 4 F,S**

Not for cr if had FR 115 or 116.

Continuation of Part I.

**115 SECOND-YEAR
FRENCH (PART I) 4 F,S**

FR 112 or high school French equiv req.

Class reading of short stories, plays, and essays. Grammar review, oral and written composition.

**116 SECOND-YEAR
FRENCH (PART II) 4 F,S**

Continuation of Part I.

**213 ADVANCED TECHNIQUES
IN WRITTEN FRENCH 3 F,S**

FR 116 req.

Written communication skills in French. Formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building. Grammar review.

**214 ADVANCED FRENCH CONVERSATION AND
CONTEMPORARY CULTURE 3 F,S**

FR 116 req. Formerly ADVANCED TECHNIQUES IN SPOKEN FRENCH.

Introduction to contemporary French culture and development of oral communication and listening skills.

**220 ADVANCED FRENCH READING
AND VOCABULARY SKILLS 3**

FR 116 req. Rec conc reg or following FR 213.

Vocabulary building through the reading and discussion of representative French poems, plays, and prose texts. Grammar review.

**221 SURVEY OF FRENCH
LITERATURE I 3**

FR 220 req.

French literature from the Middle Ages to the 18th century.

**222 SURVEY OF FRENCH
LITERATURE II 3**

FR 220 req. May be taken before FR 221.

French literature of the 19th and 20th centuries.

223 ADVANCED FRENCH GRAMMAR 3
2 courses beyond FR 116 req. Rec after 213 and 220. Formerly 310.

Systematic study of the morphology and syntax of the modern French language.

**305 HISTOIRE DE LA CIVILISATION
FRANCAISE 3**

2 courses beyond FR 116 req. May be repeated if content differs. Formerly INTRODUCTION TO FRENCH CIVILIZATION.

Survey of French culture and civilization from ancient times to the present day.

309 FRENCH PHONETICS 3 F or S

2 courses beyond FR 116 req.

Scientific approach to French pronunciation, correct formation of French sounds, practical application of the theory of phonetics.

**315 SELECTED TOPICS IN FRENCH
MIEVEAL LITERATURE
AND CULTURE 3**

2 courses beyond FR 116 req. May be repeated if content different.

Medieval French literature, in the original and in modern French translation, in its cultural context.

**316 SELECTED TOPICS IN SIXTEENTH-
CENTURY FRENCH LITERATURE
AND CULTURE 3**

2 courses beyond FR 116 req. May be repeated if content different.

The Renaissance as expressed in the leading 16th-century French writers in their cultural context.

**318 SELECTED TOPICS IN EIGHTEENTH-
CENTURY FRENCH LITERATURE
AND CULTURE 3**

2 courses beyond FR 116 req. May be repeated if content different.

Readings of representative literary texts from the Age of Enlightenment in their political, philosophical, and socio-cultural contexts.

**319 SELECTED TOPICS IN NINETEENTH-
CENTURY FRENCH LITERATURE
AND CULTURE 3**

2 courses beyond FR 116 req. May be repeated if content different.

Readings of representative 19th-century literary texts, in their cultural (philosophical, political, social, economic, and historical) contexts.

**320 SELECTED TOPICS IN TWENTIETH-
CENTURY FRENCH LITERATURE
AND CULTURE 3**

2 courses beyond FR 116 req. May be repeated if content different.

Modern authors, genres, or movements in 20th-century French literature in their cultural contexts.

**325 SELECTED TOPICS IN FRANCOPHONE
LITERATURE AND CULTURE 3**

2 courses beyond FR 116 req. May be repeated if content different.

Readings of representative literary works in their cultural contexts written in French by authors residing outside France.

**335 COMPARATIVE FRENCH/ENGLISH
GRAMMAR AND STYLE 3**

FR 235 or cons inst req.

Intensive, advanced, comparative grammar, and composition, including analysis of stylistic differences between French and English.

**340 INTRODUCTION TO APPLIED
FRENCH LINGUISTICS 3 F,S**

FR 235 req.

Principles and methods of objective language analysis applied to relevant issues in the French language and the teaching of French.

**385 SELECTED TOPICS IN
FRENCH LITERATURE 3**

2 courses beyond FR 116 req. May be repeated if content different.

Intensive study of a genre, group of authors or a single major writer in French literature. This study varies each semester.

395 SENIOR SEMINAR 3 S*Sr standing in the major req.*

Close reading and analysis of literary texts representative of the major genres and literary periods, in their sociohistorical contexts.

German Courses**111 FIRST-YEAR GERMAN (PART I) 4 F,S**

Not rec if student had 3 yrs high school German. Not for cr if had GER 115 or 116.

Pronunciation, essentials of grammar, reading materials of graded difficulty, oral and written exercises.

112 FIRST-YEAR GERMAN (PART II) 4 F,S

Not rec if student had 3 years high school German. Not for cr if had GER 115 or 116.

Continuation of Part I.

115 SECOND-YEAR GERMAN (PART I) 4

GER 112 or 2 yrs high school German req.

Class reading of short stories, plays and essays. Grammar review, oral and written composition.

116 SECOND-YEAR GERMAN (PART II) 4

GER 112 or 2 yrs high school German req.

Continuation of Part I.

211 INTRODUCTION TO GERMAN LITERATURE 3

GER 116 or equiv req.

Readings and analysis of selected short stories, plays, poetry, and other literary forms as first general introduction to German literature.

213 INTERMEDIATE GERMAN COMPOSITION 3

GER 116 or cons dept chair req.

Study of written communication skills in German, vocabulary building, correct phrasing and style, writing strategies, use of dictionaries and reference materials.

214 GERMAN CONVERSATION PRACTICE 3

GER 116 or cons dept chair req.

Improvement of speaking skills, including active vocabulary, idiomatic phraseology, formal and informal discourse, listening comprehension.

217 GERMAN CULTURE AND CIVILIZATION 3

GER 116 or cons dept chair req.

Overview of German culture from the beginning to World War I as derived from selected readings and class discussions.

218 GERMANY TODAY 3

GER 116 or cons dept chair req.

The German scene since World War I, as reflected in essays and articles of representative authors. Strongly recommended for teaching majors.

222 SURVEY OF GERMAN LITERATURE 3

GER 116 or cons dept chair req.

Reading and discussion of representative works of the most important authors from the early 19th century to the present.

302 GOETHE 3

2 courses beyond GER 116 req.

Reading and discussion of a number of major works.

309 INTRODUCTION TO GERMAN LINGUISTICS 3

2 courses beyond GER 116 req. Formerly GERMAN PHONETICS.

Principles and methods of systematic language analysis applied to German, including phonetics, morphology, syntax, semantics, and history of the language.

311 THE GERMAN NOVELLE 3

Two 200-level German courses req.

Study of selected Novellen from Goethe and the Romantics through Poetic Realism and Naturalism to the 20th century.

313 ADVANCED GERMAN COMPOSITION AND CONVERSATION 3

GER 213 or cons dept chair req.

Free discussion of topics of contemporary interest; oral and written themes based on class discussions.

318 GOETHE'S FAUST 3

2 courses beyond GER 116 req.

Critical study of Parts I and II of Faust. Lectures, readings, and reports.

332 GERMAN LYRIC POETRY 3

2 courses beyond GER 116 or cons dept chair req.

Reading and interpretation of German lyric poetry from 800 A.D. to the present.

385 SELECTED TOPICS IN GERMAN LITERATURE OR CULTURE 3

2 courses in German lit req. May be repeated if content different. Formerly SELECTED TOPICS IN GERMAN LITERATURE.

Intensive study of a theme, genre, including film, group of authors, or a single major writer in German literature.

395 SENIOR SEMINAR 3

Sr standing in the language maj req.

Close reading and analysis of cultural documents and literary texts in their sociohistorical contexts.

Greek Courses**111 FIRST-YEAR CLASSICAL GREEK (PART I) 4**

The Greek alphabet, pronunciation, essentials of grammar, translation of reading material of graded difficulty, exercises in writing Classical Greek, consideration of the Greek element in English.

112 FIRST-YEAR CLASSICAL GREEK (PART II) 4

Continuation of Part I.

Italian Courses**111 FIRST-YEAR ITALIAN (PART I) 4 F**

Pronunciation; essentials of grammar; exercises in comprehending, speaking, and reading material of graded difficulty.

112 FIRST-YEAR ITALIAN (PART II) 4 S
Continuation of Part I.

115 SECOND-YEAR ITALIAN (PART I) 4 F
ITN 112 or cons dept chair req.
Continued development of aural-oral skills, reading and writing in Italian.

116 SECOND-YEAR ITALIAN (PART II) 4 S
ITN 115 or cons dept chair req.
Continuation of Part I. Further development of written and oral skills through readings and discussion of texts from the Renaissance to the present.

Japanese Courses

111 FIRST-YEAR JAPANESE (PART I) 4 F
Introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

112 FIRST-YEAR JAPANESE (PART II) 4 S
JPN 111 req.
Continuation of introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

115 SECOND-YEAR JAPANESE (PART I) 4
JPN 112 or cons dept chair req.
Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities.

116 SECOND-YEAR JAPANESE (PART II) 4
JPN 115 or cons dept chair req.
Continuation of Part I.

231 JAPANESE CONVERSATION AND COMPOSITION 3 F
JPN 116 or cons dept chair req.
Further development of written and oral skills through guided conversations and compositions on topics from contemporary Japanese civilization.

232 ADVANCED JAPANESE READING AND COMPOSITION 3 S
JPN 231 or cons dept chair req.
Development of reading fluency and writing proficiency in modern Japanese through study of unadapted texts, including selections from modern fiction.

285 SELECTED TOPICS IN JAPANESE CULTURE AND CIVILIZATION 3 S
No Japanese req. Completion of 45 cr hrs or cons dept chair req. May be repeated if content different.
Study of selected themes in Japanese culture as expressed in literature, film and the performing arts.

Latin Courses

111 FIRST-YEAR LATIN (PART I) 4
Pronunciation; essentials of grammar; reading graded material; exercises in writing easy Latin; consideration of the Latin element in English.

112 FIRST-YEAR LATIN (PART II) 4
Continuation of Part I.

115 SECOND-YEAR LATIN (PART I) 4
LAT 112 or high school Latin equiv or cons dept chair req.
Review of Latin fundamentals. Practice in writing simple Latin. Reading beginning with graded Latin selections and progressing to selections from various authors.

116 SECOND-YEAR LATIN PART II 4
LAT 115 or 3 yrs high school Latin or cons dept chair req.
Aeneid, Books I-VI: The purpose, sources, merits and fame of the Aeneid, and its references to other classic epics; poetical syntax, figures of speech, prosody, and mythology in the Aeneid.

221 SURVEY OF LATIN LITERATURE I 3 F
LAT 116 or 4 yrs high school Latin or cons dept chair req.
Reading and discussion of the most important Republican authors from Plautus to Catullus.

222 SURVEY OF LATIN LITERATURE II 3 S
LAT 116 or 4 yrs high school Latin or cons dept chair req.
Reading and discussion of the most important Imperial authors from Livy to Juvenal.

Spanish Courses

Native and near-native speakers of Spanish should normally begin with 232 or 235. Consult the Department for further information.

111 FIRST-YEAR SPANISH (PART I) 4 F,S
Not rec if student had 3 yrs high school Spanish. Not for cr if had SPA 115 or 116.
Fundamentals of grammar. Practice in speaking, understanding, reading and writing Spanish.

112 FIRST-YEAR SPANISH (PART II) 4 F,S
Not rec if student had 3 yrs high school Spanish. Not for cr if had SPA 115 or 116.
Continuation of Part I.

115 SECOND-YEAR SPANISH (PART I) 4 F,S
SPA 111 and 112 or equiv req.
Review of Spanish grammar, vocabulary building, oral and written practice.

116 SECOND-YEAR SPANISH (PART II) 4 F,S
SPA 115 or equiv req.
Continuation of Part I. Emphasis on reading and discussion of Spanish short stories with continuing review of grammar.

213 ADVANCED SPANISH GRAMMAR 3 F,S
SPA 116 req. Formerly SPA 235.
Detailed study of Spanish grammar emphasizing technical and stylistic aspects of native language patterns.

214 ADVANCED TECHNIQUES IN SPOKEN SPANISH 3
SPA 116 req. Not for cr if have ACTFL speaking score of Advanced. Formerly SPA 231.
Study of oral communication skills in Spanish: conversation, formal reports, persuasion and argumentation, interviewing.

223 ADVANCED SPANISH COMPOSITION 3 F,S

SPA 116 req. Formerly SPA 232.

Study of advanced composition skills in Spanish, including formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building.

233 INTRODUCTION TO HISPANIC LITERATURE 3

SPA 213 or 233 req. Both rec. Formerly SPA 211.

Reading and analysis of representative poems, plays and prose texts as first general introduction to Spanish and Spanish-American literature.

240 BUSINESS SPANISH

SPA 116 or equiv req; SP 213 or 223 rec.

Development of practical language skills needed for doing business in the Spanish speaking world from a cultural and commercial perspective.

243 CIVILIZACION ESPANOLA 3

SPA 116 req. Formerly SPA 217.

Spanish customs and institutions in their historical perspective.

244 CIVILIZACION HISPANOAMERICANA 3

SPA 116 req. Formerly SPA 218.

Cultural life and customs of Spanish-speaking countries in the Americas.

253 SURVEY OF SPANISH LITERATURE I 3

SPA 211 or 233 or cons inst req. Formerly SPA 221.

Reading and discussion of representative writers of Medieval and Renaissance Spain.

254 SURVEY OF SPANISH LITERATURE II 3

SPA 211 or 233 or cons inst req. Formerly SPA 222.

Reading and discussion of representative Spanish writers of the 18th through the 20th centuries.

255 SURVEY OF SPANISH-AMERICAN LITERATURE 3

SPA 211 or 233 or cons inst req. Formerly SPA 242.

Introduction to the works of Spanish-American authors with emphasis on the 19th and 20th centuries.

305 CURRENT TOPICS IN HISPANIC CIVILIZATION AND CULTURE 3

SPA 217 or 218 or 243 or 244 req. May be repeated if content different.

Recent trends, issues and changes in Spanish-speaking world. Varying topics and pedagogical strategies for teaching culture.

309 INTRODUCTION TO SPANISH LINGUISTICS 3

SPA 235 or 213 or cons inst req.

Principles and methods of objective language analysis applied to relevant issues in Spanish.

310 SPANISH SYNTAX 3

SPA 235 or 213 or cons inst req.

Advanced study of contrasts in Spanish and English grammar with a focus on explaining the differences.

331 SPANISH-AMERICAN LITERATURE I 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req.

From the colonial period through realism.

336 SELECTED TOPICS IN SPANISH-AMERICAN LITERATURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req. May be repeated if content different.

Variable topics providing in-depth study of major authors, works, genres, themes, or movements.

337 SELECTED TOPICS IN MODERN-PENINSULAR SPANISH LITERATURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req. May be repeated if content different.

Major authors, genres, or movements from Spanish literature of the 18th, 19th, and 20th centuries.

338 SELECTED TOPICS IN MEDIEVAL-SPANISH LITERATURE AND CULTURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req. May be repeated if content different.

Major authors, genres, or periods from Spanish literature of the Middle Ages in their cultural context.

339 SELECTED TOPICS IN SPANISH-GOLDEN AGE LITERATURE AND CULTURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req. May be repeated if content different.

Major authors, works, genres, or movements from the Spanish Golden Age (1469-1700) in their historical/cultural context.

385 SELECTED TOPICS IN SPANISH LITERATURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req. May be repeated if content different.

Intensive study of a genre, movement, author or work. This study varies each semester.

395 SENIOR SEMINAR 3 S

Sr standing in the language major req.

Close reading and analysis of literary texts representative of the major genres and literary periods, in their sociohistorical contexts.

GEOGRAPHY-GEOLOGY (GEO) 440

206 Felmley (309) 438-7649

Chairperson: Robert Corbett.**Tenured/Tenure-track Faculty:**

Professors: Carter, Corbett, Kirchner, Sublett, Walters.

Associate Professors: P. Anderson, Day, Nelson.

Assistant Professors: W. Anderson, Boateng, Ghose, Hammel, Malone, O'Lear, Zintambila.

General Department Information**MAJOR IN SOCIAL SCIENCES EDUCATION**

The Major in Social Sciences is administered by the Department of History in cooperation with the Departments of Economics; Geography-Geology; Political Science; and Sociology-Anthropology. For further information see Social Sciences Programs.

MINOR IN ENVIRONMENTAL STUDIES

The Department of Geography-Geology participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under Academic Programs and Courses in this *Undergraduate Catalog*.

MINOR IN URBAN STUDIES

The Department of Geography-Geology participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as the section entitled "Minor in Urban Studies" under University Wide Programs in this *Undergraduate Catalog*.

HONORS IN GEOGRAPHY-GEOLOGY

The Department of Geography-Geology offers honors work to highly qualified students. Students interested in pursuing honors work may obtain further information by contacting the Department Chairperson.

Geography Programs

Degrees Offered: B.A., B.S.

MAJOR IN GEOGRAPHY

Programs must be planned in consultation with an advisor. Because of the variety of concentrations within the 3 Geography sequences, students are urged to consult with designated departmental faculty members. Names of designated faculty are available in Felmley Hall 206.

Concentrations include:

Applied: cartography, planning, geographic information systems, remote sensing;

Human: cultural, historical, political, regional, urban, economic;

Physical: climatology, environmental, geomorphology.

- 42 hours required. MAT 120 is recommended for Geography majors. MAT 145 is strongly recommended for students planning to be cartographers. It is strongly recommended that all Geography majors complete a second writing course such as ENG 145 or 249.
- Required courses: GEO 100, 135, 150, 204, 300, 315, 398 (4 hrs); 1 course from GEO 215, 220, 230, 240, 245, 250, or 255.
- *One of the following sequences must be selected:*

Applied Geography Sequence:

- Required courses: GEO 303, 308, 310, and 370.
- Electives to complete the 42-hour requirement chosen from: GEO 145, 304, 336, 351; MAT 144, 145; and designated Selected Studies, Independent Studies, and Regional and Area Studies courses.

Human Geography Sequence:

- Required courses: GEO 208, 336, 338, and a second regional course chosen so that the student has at least 1 course from GEO 215, 220, 240, and 245, and 1 course from GEO 230, 250 or 255.
- Electives to complete the 42-hour requirement chosen from: GEO 145, 205, 210, 303, 304, 308, 310, 345; and designated Selected Studies, Independent Studies, and Regional and Area Studies courses.

Physical Geography Sequence:

- Required courses: GEO 101, 110, 200, 201, 205.
- Electives to complete the 42-hour requirement chosen from: GEO 145, 303, 305, 308, 310, 345, 380; AGR 234; BSC 201; CHE 280; ECO 355; GEO 276, 382; and designated Selected Studies, Independent Studies, and Regional and Area Studies courses.
- Since one focus of this sequence is resource conservation, a minor in Agriculture, Biology, Chemistry, Environmental Health, or Recreation and Park Administration is strongly recommended.

Teacher Certification Sequence:

- 40 hours required. Part of entitlement program leading to certification: secondary 6-12. Student's program must be planned in consultation with an advisor.
- Required courses: C&I 110; GEO 100, 101, 110, 135, 145, 150, 200, 201, 205, 275; 1 course selected from GEO 215, 220, 240, or 245 and 1 course selected from GEO 230, 250 or 255; and GEO 307.
- Selected additional electives in Geography to complete the 40-hour requirement of the major.
- **NOTE:** To qualify for certification, the student must complete the Professional Education requirements and the General Education requirements as described in the Teacher Education Requirements-High School section of this *Undergraduate Catalog*.
- **NOTE:** Students desiring Middle School or Junior High employment should also complete C&I 233 and PSY 302.
- **NOTE:** If a student chooses to focus on Physical Geography/Earth Science, he or she should also certify to teach Biology, Chemistry, Geology, Mathematics, or Physics. If a student chooses to focus on Human Regional Geography, he or she should also certify to teach Anthropology, Economics, History, Political Science, or Sociology.

MINOR IN GEOGRAPHY

- 21 hours in Geography required.
- Required courses: GEO 135 or 140; GEO 200 pr 211; GEO 204; 1 course from GEO 215, 220, 230, 235, 240, 245, 250, or 255; 1 course from GEO 150, 205, 208, 210, 336; 1 course from GEO 300, 303, 305, 308, 310; 3 hours of electives chosen from any Geography course except GEO 265.

MINOR IN GEOGRAPHY

For Teacher Education:

- 24 hours in Geography required.
- Required courses: GEO 135 or 140; GEO 145, 204, 307; 1 course from GEO 215, 220, 230, 235, 240, 245, 250, 255; 1 course from GEO 150, 205, 208, 210, 336; 1 course from GEO 200, 211; 1 course from GEO 300, 303, 305, 308, 310.

MINOR IN TOURISM STUDIES

Advisor: Jill Freund Thomas
Department of Geography-Geology
200B Felmley Hall
(309) 438-8403

Jointly developed and sponsored by the departments of Geography-Geology and Health, Physical Education and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, who resides in the Department of Geography-Geology.

- 24 hours required.
- Required courses: GEO 130, 135, 215, 265; HPR 271, 277, 377; POS 140 or 145.
- Recommended courses: GEO 315; HPR 374, 375.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Geology Programs

Degrees Offered: B.S.

MAJOR IN GEOLOGY

- 40 hours in Geology required.
- Required courses: GEO 105, 107, 203, 280, 285, 290, 295, 296, 395 and 1 of the following applied quantitative courses: GEO 360, 362, or 364.
- Required Interdisciplinary courses: PHY 108 and 109 (or 110 and 111); CHE 140 or equivalent, and 141; MAT 145 and 146.
- Strongly recommended: GEO 385

MINOR IN GEOLOGY

- 22 hours in Geology required.
- Required courses: GEO 102 or 105, 202 and 203.
- **NOTE:** Students wishing to minor in Geology are requested to inform the Department of their intention and to discuss their program with a Geology advisor.

Geography Courses

100 EARTH SCIENCE 3 F,S,Summer
A geographical perspective on the natural environment. Landforms, weather, climate, soils, vegetation.

101 EARTH SCIENCE LABORATORY 1
GEO 100, or 105, or conc reg req.

Practical application of principles of earth science through laboratory experiences emphasizing meteorology, climatology, soils, vegetation, and landforms.

130 THE TRAVELER'S WORLD 3 F
Cultural, physical, and economic aspects of the tourism industry in the United States and worldwide. Orientation to the industry as a career option.

135 WORLD GEOGRAPHY OC-KD/SS 3 F,S
Inner Core req.

Regional studies of the peoples, languages, religions, economic activities, and settlement patterns of the world.

138 SOCIAL SCIENCE REASONING USING STATISTICS MC-QR 4 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/POS/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

140 HUMAN GEOGRAPHY MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Introduction to human geography emphasizing global problems, patterns, and distributions.

145 MAPS AND MAP READING 3 F
Not for cr if completed GEO 204 or 300.

Fundamental map concepts: scale, coordinates, symbolization, relief, directions. Major map and graph types for visual-spatial analysis and interpretation. Map history.

150 ECONOMIC GEOGRAPHY 3 F,S
Spatial distribution of a variety of activities related to production, exchange, and consumption of goods and services.

200 CLIMATE: EARTH SCIENCE II 2 S
Climatic classification, sources of climatic data, world climatic patterns, and climatic effects on natural vegetation and human activities.

201 PHYSICAL GEOGRAPHY: EARTH SCIENCE III 3
GEO 100 or 105 req. GEO 101 rec. Field trips req.
Spatial analysis of selected topics involving the natural environment. Topographic maps and aerial photography used extensively.

204 GEOGRAPHIC TECHNIQUES 3 F,S

GEO 140, 200 or cons inst req.

Introduction to geographic methodology and techniques with an emphasis on development of skills in analyzing geographical data.

205 CONSERVATION OF NATURAL RESOURCES 3 F,S

Completion of 45 sem hrs or equiv or cons inst req.

The human impact on the natural environment. Emphasizes soil, wildlife, forest, mineral and fuel, water and air conservation.

208 POLITICAL GEOGRAPHY 3 F

Completion of 45 sem hrs or equiv or cons inst req.

Introduction to the field of political geography. Emphasis on spatial patterns of political activity.

210 HISTORICAL GEOGRAPHY 2 F

Completion of 45 sem hrs or equiv or cons inst req.

Introduction to the field of historical geography with emphasis on analysis and reconstruction of past geographies.

211 EARTH'S DYNAMIC WEATHER OC-KD/SMT 3 F,S

Inner core req. MC-QR category req. Formerly GEO 110.

Dynamic aspects of weather and climate from global to local scales with emphasis on how we gather, analyze, and understand weather information.

215 UNITED STATES 3 F

Completion of 45 sem hrs or equiv or cons inst req.

Major regions of the United States in terms of contemporary physical, cultural, and natural resource patterns.

220 ILLINOIS 3 S

Completion of 45 sem hrs or equiv or cons inst req. Fieldwork req.

Boundaries, physical setting, environment concerns, patterns of human occupancy, regional characteristics.

230 LATIN AMERICA 3 F,S

Completion of 45 sem hrs or equiv or cons inst req.

Regional analysis of the major political units; emphasis on physical, cultural, and economic characteristics.

235 GEOGRAPHY OF EMERGING AREAS OC-DKCC/SS 3 F,S

Inner Core req. MC-IS category req.

Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Regions vary in different sections.

240 EUROPE 3 F,S

Completion of 45 sem hrs or equiv or cons inst req.

Patterns of occupancy and development. Emphasis on the countries of the European Community.

245 FORMER SOVIET UNION 3 S

Completion of 45 sem hrs or equiv or cons inst req.

Physical resource patterns and their significance to industrial, agricultural land use, general economic, and political development.

250 AFRICA 3 F,S

Completion of 45 sem hrs or equiv or cons inst req.

Regional study of Africa. Patterns of society as related to the natural environment.

255 ASIA 3 F

Completion of 45 sem hrs or equiv or cons inst req.

Countries, regions, and peoples of Asia. Selected regions, specific localities, and special problems.

265 OUR NATIONAL PARKS 3

Completion of 45 sem hrs or equiv or cons inst req.

Field trips may be included.

National Parks of the United States in terms of physiography, geology, climate, flora, fauna, and scenic qualities.

300 CARTOGRAPHY 3 F

Jr/sr standing req. GEO 204 req. Field trip and drafting supplies req.

Theory and techniques regarding graphic representation of statistical data, including compilation, drafting, and reproduction of various types of thematic maps.

300.01 SOCIAL SCIENCE SEMINAR 3

SSC maj. ECO 131 or GEO 204 or HIS 200 or 296 or POS 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ECO/HIS/POS/SOC 300.01.

An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

303 GEOGRAPHIC INFORMATION SYSTEMS 3 F,S

GEO 204 or cons inst req.

Fundamental principles of geographic information systems; emphasis on raster and vector based systems and their applications to spatial analysis.

304 GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS 3 S

GEO 303 req; MAT 120 rec.

Advanced applications in geographic information systems (GIS) with an emphasis on problem-solving, advanced GIS analysis techniques and a survey of raster and vector based GIS software and data bases.

305 REMOTE SENSING I 3 S

GEO 204 req. Field trip req.

Basic principles of image interpretation with photogrammetry. Techniques and measurements in remote sensing.

306 REGIONAL AND AREA STUDIES 1-9

Field work req. Cons inst req.

Intensive on-site study of particular lands, environments, cultures, and peoples.

307 TEACHING GEOGRAPHY/ EARTH SCIENCE 3 F

Teaching maj only. Adm to Teacher Ed req. C or better C&I 216 or PSY 215 or conc reg req. 8 hours of Geography or Geology req. Inc Clin Exp: 35 hrs, Type 1-6, 10.

Approaches to the teaching of geography and earth science in grades 6-12.

308 QUANTITATIVE METHODS IN GEOGRAPHY 3 S

GEO 204 req; MAT 120 or equiv rec.

Use and interpretation of basic statistical techniques in geographical problems.

190 Geography-Geology

310 FIELD GEOGRAPHY 3 F

9 hrs GEO and fieldwork req.

Techniques for the systematic acquisition and interpretation of geographic field data. Includes introduction to Orienteering.

315 SEMINAR IN GEOGRAPHY 3 S

Sr standing; 12 hrs GEO req.

Designed to acquaint the student with career opportunities in geography and in related fields.

336 URBAN GEOGRAPHY 3 F,S

Jr/sr standing req.

Internal morphology, external relationships, and other spatial aspects of cities.

338 LIFE AND LANDSCAPE 3

GEO 135 or cons inst req. Field work req.

Cultural landscapes and folklife in North America and Western Europe.

345 PROBLEMS IN CONSERVATION AND OUTDOOR RECREATION 3

GEO 205 req.

Specific problems in conservation and resource use including outdoor recreational resources.

351 CARTOGRAPHIC PROCESSES 3 S

Drafting supplies and A or B in GEO 300 req. Materials charge optional.

Techniques of design, production and reproduction of maps, including multi-separations, scribing, darkroom techniques and materials, and color proofing.

370 URBAN AND REGIONAL PLANNING 3 S

GEO 204 or cons inst req.

Introduction to the planning process and the major elements used in plan implementation such as zoning regulations, subdivision regulations, and the official map. Field research may be required.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN GEOGRAPHY 1-16 Summer

100 hrs; 2.2 GPA; GEO 315; and cons dept chair req. Max 4 hrs cr toward GEO maj; 40 hrs intern/cr hr. Advance arrangements req.

Planned, supervised professional experience in a public or private organization. The experience provides an introduction to a career in geography. May be paid.

Geology Courses

102 PRINCIPLES OF GEOLOGY IC-NS 3 F,S

IDS 100 or conc reg req. Not for cr maj/min. Not for cr if had GEO 105. May not be taken under the CT/NC option. Lecture and lab.

Examination of the principles of geology and the tectonic, rock, hydrologic, and geomorphic cycles in terms of assumptions, forces, products, and consequences.

105 INTRODUCTION TO GEOLOGY I 3 F,S

Not for cr if had GEO 102.

Origin and types of earth materials; internal and external earth processes and development of landscapes. Equivalent to physical geology.

107 INTRODUCTION TO GEOLOGY II 3 F,S

GEO 105 or cons inst req. Field trip req. Not for cr if had GEO 202.

Origin and evolution of the earth as interpreted from rock sequences, fossils, and geologic maps; emphasis on geologic principles.

202 EVOLUTION OF THE EARTH OC-KD/SMT 3 F,S

Inner Core req. MC-QR category req. Field trip req. Not for cr if had GEO 107.

Physical, chemical, and biologic evolution of the earth system as interpreted from rock sequences, fossils, and maps. Emphasis on geologic methodology.

203 MINERALS, ROCKS, FOSSILS AND MAPS 3 S

IC-NS or IC-NSA req. Lecture and lab. Formerly GEO 109.

Mineral, rock and fossil identification and interpretation; recognition and interpretation of structures and surface features from geologic and topographic maps.

207 NATURAL DISASTERS OC-KD/SMT 3 F,S

Inner Core req. MC-QR category req. Not for cr Geology maj. Two 1-hour lectures; one 2-hour discussion/lab per week.

Science of earth-related natural disasters: occurrences, causes, effects, prediction, prevention, mitigation, related human activity and classic examples.

209 ESSENTIALS OF OCEAN SCIENCE 3 F

Two 1-hour lectures and one 2-hour discussion per week.

Scientific investigation of: the origin; main geological, physical, chemical, and biological aspects and operations of the global ocean.

275 LIFE OF THE GEOLOGIC PAST 3 F,S

Completion of 45 sem hrs or equiv or cons inst req. Not for cr maj.

Origin, classification and evolution of life from early forms to modern types as revealed by the fossil record.

276 ENVIRONMENTAL GEOLOGY 3 S

Completion of 45 sem hrs or equiv or cons inst req.

Recognition of geologic hazards such as earthquakes and floods. Evaluation of geologic resources and the legal and geologic limitation of resource utilization.

278 GEOLOGIC TECHNIQUES 3 F

GEO 203 req.

Methods, materials, and equipment used in analysis, interpretation, and mapping of earth materials, physical environments, and geologic structures.

280 MINERALOGY 4 F

GEO 203; CHE 140 req. Lecture and lab.

Crystallography, internal structure, chemistry, recognition and occurrence of minerals.

- 285 IGNEOUS AND METAMORPHIC PETROLOGY** 4 S
GEO 280 req. Lecture and lab. Field trip req.
 Description, classification, and origin of igneous and metamorphic rocks.
- 290 STRUCTURAL GEOLOGY** 4 F
GEO 203 req; MAT 144 rec. Lecture and lab. Field trip req.
 Mechanics and processes of deformation of the earth's crust and the resulting structures.
- 295 SEDIMENTOLOGY** 3 F
GEO 203 req. Lecture and lab. Field trip req.
 Origin, transportation, deposition, and diagenesis of sedimentary materials with emphasis on classification of sedimentary rocks.
- 296 STRATIGRAPHY** 3 S
GEO 203 req. Lecture and lab. Field trip req.
 Distribution, correlation and analysis of stratified rocks.
- 298.20 PROFESSIONAL PRACTICE: COOP/INTERN IN GEOLOGY** 1-4 F,S
Max 4 hrs toward B.S. degree in Geology. Cons of inst req.
 Planned, supervised, paid or unpaid professional practice in geology or geotechnical field with government or private organization.
- 360 GROUNDWATER GEOLOGY** 3 F
GEO 203 and MAT 146 req. Field trips req.
 Groundwater occurrence and movement, aquifer evaluation, field and lab measurements, contamination and other applications.
- 362 ENGINEERING GEOLOGY** 3 S
GEO 203; MAT 146; and PHY 108 or cons inst req. Field trips req.
 Engineering applications of geology, construction problems of geologic origin and their engineering solutions.
- 364 GEOPHYSICS** 3 S
GEO 203; MAT 146; and PHY 108 req.; or cons inst req.
 Principles of exploration geophysics and the techniques that are used to study subsurface environments. Subjects reviewed include: stress and strain, information theory, seismic, gravity, magnetics, electrical resistivity, electromagnetic conductivity, ground penetrating RADAR, and borehole logging.
- 380 GEOMORPHOLOGY** 3 S
GEO 100, 102, or 105 req. Field trips req.
 Origin, classification, description, and interpretation of landforms.
- 382 GLACIAL AND QUATERNARY GEOLOGY** 3 F
GEO 100, 102, or 105 req. Field trips req.
 Development of glaciers, glacial movements, deposits, and landforms as background for discussion of present landscapes.
- 385 INVERTEBRATE PALEONTOLOGY** 4 S
GEO 203 req. BSC 196 rec. Lecture and lab. Field trip req.

Examination and analysis of major fossil invertebrate phyla; emphasis on groups with paleoecologic and stratigraphic significance.

- 390 OPTICAL MINERALOGY** 4 S
GEO 280 req. Lecture and lab.

Optical theory and techniques in the use of petrographic microscope, optical identification and minerals using oil immersion and thin-section methods.

- 395 FIELD GEOLOGY** 6 Summer
GEO 280, 285, 290, and 295 req.

Application of geologic principles to field mapping and interpretation in the Black Hills and Central Rocky Mountains.

HISTORY (HIS) 442

334 Schroeder Hall, (309) 438-5641

Chairperson: John Freed.

Tenured/Tenure-track Faculty:

Distinguished Professors: Freed, Wyman.

Professors: A. Beier, Davis, Grabill, Holsinger, Holt, McBride, MacDonald, Perez, Simms.

Associate Professors: Riney-Kehrberg, Tavakoli-Targhi.

Assistant Professors: Adedze, L. Beier, Clemens, Clemmons, Doherty, Drake, Ferguson, Siddali, Soderlund, Westbury.

General Department Information

MAJOR IN SOCIAL SCIENCES EDUCATION

The Department of History advises Social Sciences majors, provides Teacher Education specialists for those interested in that option, and sponsors club activities. For specific information about the programs see Social Sciences Programs.

MINOR IN ENVIRONMENTAL STUDIES

The Department of History participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under Academic Programs and Courses in this *Undergraduate Catalog*.

MINOR IN URBAN STUDIES

The Department of History participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as the section entitled "Minor in Urban Studies" under University Wide Programs in this *Undergraduate Catalog*.

HONORS IN HISTORY

The Department offers honors work in History to highly qualified juniors and seniors who will pursue an individualized program of study. The Honors Program enables the superior student to reinforce guided private study on historical topics of the student's own choosing with seminar-style research. The Department also offers in-course honors work in all its courses for students enrolled in the University Honors Program or in any departmental honors program. In-course honors work is offered at the discretion of the instructor. To be admitted to the program a student must fulfill the following require-

ments: have sophomore standing; a minimum overall GPA of 3.3; a GPA of 3.5 in History; 9 hours in History; be recommended by a History faculty member; be a member of the University Honors Program; and have the permission of the History Honors Director. In order to graduate with departmental honors a student must have taken HIS 296; 3 hours of other History honors study; and HIS 294. Students interested in participating in the Departmental Honors Program may secure further information by contacting the Chairperson of the Department of History.

History Programs

Degrees Offered: B.A., B.S.

MAJOR IN HISTORY

The Department of History encourages students seeking bachelor's degrees to develop both global and multidisciplinary approaches to the study of history and to apply these methods to their studies in other disciplines. To develop their skills of historical analysis and to learn to think critically about historical accounts, students must enroll in HIS 200 and 300. To acquire both a well-rounded and a global understanding of historical processes, students are required to take 6 hours each in the 3 fields of European, non-Western, and United States History.

B.S. students not in the Teaching Certification Sequence must acquire proficiency in quantitative skills and/or social analysis by declaring a minor in a field in the social, natural, or applied sciences.

B.A. students are encouraged to improve their career opportunities by minoring in another discipline. B.A. students not opting for a minor must choose an area of concentration by taking a minimum of 9 hours in another discipline; at least 3 of these hours must be in 200- or 300-level courses. B.A. students are free to concentrate in any field but must acquire proficiency in a foreign language with at least 1 semester at the 115-level or higher taken in college. However, students are encouraged to continue their language studies beyond this level. B.A. and B.S. students in the Teacher Certification Sequence are directed to concentrate in either Economics, Geography, Political Science, Anthropology or Sociology for an endorsement.

Prior to their graduation, all B.A. and B.S. students must submit to the Department an electronic writing portfolio consisting of research papers for HIS 200, 300 and other optional papers demonstrating their proficiency in critical historical thinking skills and methods. The portfolio must include a self-evaluation explaining the student's intellectual development as a History major at Illinois State University. In addition, students must fulfill the following requirements:

- 36 hours in History required.
- Required courses: HIS 101, 102, 135, 136, 200 (an introductory course to be taken by students who begin at Illinois State University no later than the end of the sophomore year, by transfer students by the end of the junior year, and to be completed before taking HIS 300); a minimum of 24 hours at the upper-division level, including 3 courses at the 300-level, 1 of which will be a capstone course, HIS 300; 6 hours each United States, European and non-Western History. The courses belonging to these categories are listed in Groups 1-4 following the Minor in History for Teacher Education; 9 hours in an area of concentration, at least 3 of which must be in 200- or 300-level courses.

Teacher Certification Sequence:

A 2.75 GPA in the major and overall is required for admission to Teacher Education. A candidate for student teaching must maintain a 2.75 GPA by January 10 to student teach in the fall semester, and by August 15 to student teach in the spring semester.

- 42 hours in History required. This sequence is part of the entitlement program leading to Teacher Certification: secondary 6-12.
- Required courses: HIS 101, 102, 135, 136, 200; a minimum of 24 hours at the upper-division level, including 9 hours at the 300-level (in addition to HIS 390), 3 of which will be a capstone course, HIS 300. Distribution requirements are 9 hours in United States History, 6 hours of non-Western and 6 hours of European History. The courses belonging to these categories are listed in Groups 1-4 following the Minor in History for Teacher Education; 9 hours of concentration with at least 3 hours in 200- or 300-level courses in either Economics, Geography, Political Science, Anthropology or Sociology.

MINOR IN HISTORY

- 21 hours in History required.
- Required courses: 12 hours at the upper-division level; 6 hours each in United States, European, and non-Western History (see listing under "History Courses by Group" for non-Western courses).

MINOR IN HISTORY

For Teacher Education:

- 21 hours in History required; at least 12 hours in 200- or 300-level courses.
- Required courses: 9 hours of United States History, 6 hours of European History, and 6 hours of non-Western History (see listing under "History Courses by Group" for non-Western courses); HIS 290 recommended in addition to required courses; requirements for Teacher Certification in another major field must be met.

History Courses by Group

Group 1: Methods and Topics: HIS 100, 200, 260, 268, 270, 274, 280, 290, 292, 294, 296, 300, 330, 390, 392, 394, 395, 398.

Group 2: United States History: HIS 111, 112, 131, 135, 136, 137, 241, 243, 244, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 264, 273, 278, 279, 309, 311, 315, 320, 321, 322, 323, 324, 325, 327, 329.

Group 3: Non-Western History: HIS 103, 125, 126, 127, 128, 263, 265, 266, 269, 271, 272, 275, 276, 307, 351, 373, 375, 378.

Group 4: European History: HIS 101, 102, 119, 218, 220, 221, 222, 223, 224, 225, 228, 229, 230, 231, 232, 233, 234, 235, 237, 308, 341, 342, 345, 355, 356, 357, 359, 360, 362, 366.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

History Courses

The Department attempts to offer its courses in the semesters indicated below. But because of changing faculty availability, which cannot be foreseen before this *Undergraduate Catalog* is printed, the Department cannot guarantee that a given course will always be taught in a given semester or year. In planning their programs, students are therefore advised to consult departmental faculty and advisors concerning the availability of individual courses.

100 WORLD HISTORY 3 F,S
Overview of historical stages (ecological, agricultural, urban, global) among human communities throughout the world, from Stone to Computer Age.

101 WESTERN CIVILIZATION TO 1500 3 F,S
Western civilization from its beginnings in the ancient Near East until the Renaissance, emphasizing cultural and political history.

102 MODERN WESTERN CIVILIZATION 3 F,S
Western civilization from the Renaissance to the present, emphasizing cultural and political history.

103 HISTORY OF ASIA, MIDDLE EAST, AFRICA, LATIN AMERICA, OR INDIGENOUS PEOPLES OC-DKCC/SS 3 F,S
Inner Core req.

Interdisciplinary, thematic, and chronological examination of the histories of Africa, Asia, Latin America, and indigenous peoples. Topics vary from one section to another. Topic .01 Africa; Topic .02 Asia; Topic .03 Far East; Topic .04 Latin America.

111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as SOC 111.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as FCS/SOC 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

119 CONTINUITY AND CHANGE: INTRODUCTION TO WESTERN CULTURE OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. Also offered as FOR 119.

Study of three key epochs in Western cultural history with emphasis on the dynamics of change and the forces of tradition.

125 HISTORY OF EAST ASIAN CIVILIZATIONS 3 F,S
Introduction to the major traditions of China and Japan; emphasis on continuity and change in modern Asia.

126 HISTORIES AND CULTURES OF THE MIDDLE EAST AND SOUTH ASIA 3 F,S
Formerly HISTORIES AND CULTURES OF THE MIDDLE EAST.

Political, cultural, social, and economic study, with an emphasis on cultural history, ethnicity, gender relations, and the emergence of nation-states.

127 HISTORY OF LATIN AMERICA 3 F,S
Cultural, economic, political, and social survey of Latin America from pre-Columbian to present times.

128 INTRODUCTION TO AFRICAN HISTORY 3 F,S
Political, social, cultural and economic survey of Sub-Saharan civilization from pre-historic to modern times.

131 AMERICAN CULTURE: TRADITIONS AND TEXTS MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as ENG 131.

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art.

135 HISTORY OF THE UNITED STATES TO 1865 3 F,S
Political, economic, social, and cultural developments from the colonial period to the Civil War.

136 HISTORY OF THE UNITED STATES SINCE 1865 3 F,S
Agrarian and industrial revolutions, development of American institutions, and America as a world power.

200 DOING HISTORY: AN INTRODUCTION 3 F,S
HIS/HIS Ed maj only; 15 hrs college cr req.

An introduction to the discipline, including study of research and writing techniques, historical methods, and the nature and varieties of history. Required of History majors.

**218 SOCIAL HISTORY OF
MODERN EUROPE**

3 F,S

European society since the French and Industrial Revolutions with reference to social order, class formation and social relationships under capitalism.

220 ANCIENT HISTORY: GREECE

3 F

HIS 101 or 102 or cons inst req.

Political and cultural evolution of the Greek World from pre-classical times to the Hellenistic Age.

221 ANCIENT HISTORY: ROME

3 S

HIS 101 or 102 or cons inst req.

The Roman republic and empire with emphasis on the constitutional evolution of Rome.

222 THE MIDDLE AGES: 395-1100

3 F

HIS 101 or 102 or cons inst req.

The disintegration of ancient civilization and the gradual emergence of three successor civilizations: Byzantium, the Muslim World, and Western Europe.

223 THE MIDDLE AGES: 1100-1500

3 S

HIS 101 or 102 or cons inst req.

The climax and decline of medieval civilization.

224 THE RENAISSANCE:**EUROPE: 1300-1500**

3 F

Political, economic, social, intellectual, cultural transition to early modern Europe; spread of Renaissance from origins in Italy; exploration and discovery.

225 THE REFORMATION:**EUROPE: 1500-1600**

3 S

Protestant and Catholic reformations in the setting of 16th-century politics, economics, society; intellectual and cultural currents; European expansion.

228 EUROPE IN THE NINETEENTH**CENTURY: 1815-1914**

3 F

Liberalism, nationalism, democracy, militarism, imperialism, and the forces that led to World War I.

229 EUROPE IN THE**TWENTIETH CENTURY**

3 F,S

The origins of the World Wars, Marxism-Leninism, Nazi and Soviet totalitarianism, and the role of Europe in the Cold War.

230 THE CONTEMPORARY**WORLD**

3 F

Major economic, social, political, and cultural changes since 1945. The Cold War, the revolution in expectations, and the emerging concern over depletion of resources and environmental imbalances.

231 ENGLISH HISTORY TO 1688

3 F

History of medieval and Tudor-Stuart England to the Revolution of 1688.

232 ENGLISH HISTORY SINCE 1688

3 F

English history from the Glorious Revolution of 1688-89 to the present; political, social, and cultural history are emphasized.

233 MEDIEVAL RUSSIA

3 F

Examination of life in Kievan Rus and Muscovy stressing their cultural contributions to European civilization.

234 IMPERIAL RUSSIA

3 S

Formerly HISTORY OF RUSSIA SINCE 1725.

Analysis of the creation and maintenance of empire culminating in Russia's Golden and Silver Ages.

**235 FRENCH HISTORY TO
THE REVOLUTION**

3 F

French history from the Middle Ages to the French Revolution with emphasis upon French culture, including social, intellectual, and artistic movements.

237 MODERN GERMANY:**1848-PRESENT**

3 F

Survey of German social, political, diplomatic, and intellectual history in the 19th and 20th centuries.

**241 COLONIAL LIFE AND
INSTITUTIONS**

3 F

Transfer of European ideas, institutions, and customs to America, and their subsequent development on American soil.

**243 THE EARLY NATIONAL
PERIOD: 1787-1815**

3

Emphasis upon the establishment of a national government; the principles and influence of early federalism and of Jeffersonian democracy.

244 THE AGE OF JACKSON: 1815-1848

3

HIS 135, equiv, or cons inst req.

The awakening of American nationalism as typified by the economic, political, social, and cultural changes of the Jacksonian period.

246 CIVIL WAR AND**RECONSTRUCTION: 1848-1877**

3 S

HIS 135 or 136, equiv, or cons inst req.

Causes and process of secession, problems of the Lincoln and Davis administrations, conduct of the war, and the problems of reconstruction.

**247 THE GILDED AGE IN
AMERICA: 1877-1900**

3 F

HIS 136 or 137 or cons inst req.

Industrialization and responses to industrialism in America; special attention given to business and political leaders, farmers, African-Americans, and writers.

**248 UNITED STATES IN THE
TWENTIETH CENTURY TO 1945**

3 F,S

Formerly UNITED STATES IN THE TWENTIETH CENTURY TO 1933.

Significant aspects of American history from the Populist era to the end of World War II.

**249 UNITED STATES IN THE TWENTIETH
CENTURY SINCE 1945**

3 F,S

Formerly UNITED STATES IN THE TWENTIETH CENTURY SINCE 1933.

Significant aspects of American history from the 1945 to contemporary times.

**250 HISTORY OF WOMEN
IN THE UNITED STATES**

3 F,S

Soph standing req.

The role of women in the economic, social, political, and cultural history of America from the colonial period to the present.

- 251 HISTORY OF AMERICAN DIPLOMACY TO 1898** 3 F
The history of the foreign relations of the United States from the American Revolution to 1898.
- 252 HISTORY OF AMERICAN DIPLOMACY SINCE 1898** 3 S
The history of the foreign relations of the United States since 1898.
- 253 AMERICAN CONSTITUTIONAL HISTORY** 3 F
The history of American constitutional and legal developments from the colonial period to the present.
- 254 THE AMERICAN WEST** 3 S
HIS 135 or 136, equiv, or cons inst req.
Development of the trans-Mississippi West, exploration to present. Emphasis upon land-human relationships and the roots of environmental concerns.
- 255 TRANS-APPALACHIAN FRONTIER** 3 F
HIS 136 or cons inst req.
The westward movement and its influence, including frontier culture and institutions, from the East Coast to the Mississippi Valley.
- 256 AMERICAN ECONOMIC HISTORY** 3 F
HIS 136, equiv, or cons inst req. Formerly AMERICAN BUSINESS HISTORY.
Industrialization of America; the problems of agriculture, monopoly, and labor; the role of government in regulating and guiding economic activity.
- 257 AFRICAN-AMERICAN HISTORY TO 1865** 3 F
The history of African Americans from Colonial times to the Civil War.
- 258 AFRICAN-AMERICAN HISTORY SINCE 1865** 3 S
The history of African Americans from the Reconstruction period to the present.
- 259 HISTORY OF ILLINOIS** 3 F
HIS 135 or 136 or cons inst req.
A survey of the history of Illinois from the time of the French explorers to the present.
- 260 HISTORY OF CANADA** 3 S
Survey of the history of Canada from the settlement of the French colonists in the 17th century to the present.
- 263 MODERN MEXICO** 3 F
Survey of Mexican history from the mid-18th century.
- 264 HISTORY OF WOMEN IN NORTH AMERICA OC-KD/SS** 3 F
Inner Core req. MC-UST or MC-IS category req.
Introduction to theoretical approaches to women's history and a study of selected aspects of the history of women in Canada, Mexico, the United States, and the Caribbean.
- 265 AFRICAN CIVILIZATION** 3 F
Political, social, cultural, and economic survey of Sub-Saharan African Civilization from about 1000 to about 1884 (European expansion).
- 266 MODERN AFRICA** 3 S
Political, social, cultural, and economic survey of Modern Africa from the beginnings of European expansion to the present.
- 268 PEACE HISTORY** 3 F
A historical survey of peace reformers, ideas, organizations, institutions, and movements in the Western and non-Western world.
- 269 HISTORY OF JAPANESE RELIGIONS** 3 F
A study of the development of Japanese Religions from Pre-History to the present.
- 270 WORLD RELIGIONS/WORLDBIEWS** 3
The great religions of the world, primarily Judaism, Hinduism, Buddhism, Christianity, and Islam; also includes Zoroastrianism, Confucianism, Taoism, Shintoism, primal religion, humanism, Marxism, and civil religion.
- 271 ISLAMIC CIVILIZATION** 3 F
Political, social, economic survey of the Middle East from Muhammad to the 19th century, emphasizing origins and achievements of the Islamic age.
- 272 MODERN MIDDLE EAST** 3 S
Political, social, and economic-survey of the Middle East from the 19th century to the present, emphasizing the rise of the modern nation-states.
- 273 THE IMMIGRANT IN AMERICAN HISTORY** 3
The changing role of immigration in American social, economic, and political history.
- 274 HISTORY OF MODERN MEDICINE** 3
A survey of the rise of modern medicine from 1500 to the present.
- 275 HISTORY OF JAPANESE CIVILIZATION** 3
Topical and chronological examination of Japanese religions, philosophies, art, music, literature, societal values and behavior to 1800.
- 276 HISTORY OF CHINESE CIVILIZATION** 3
Topical and chronological examination of Chinese religions, art, music, literature, societal values and behavior to 1911.
- 278 UNITED STATES MILITARY HISTORY** 3 F
HIS 102 or 135 or 136 or cons inst req.
U.S. military history in a global context from the colonial period to the present.
- 279 WORLD WAR II** 3 S
General survey of World War II including military, diplomatic, and cultural concerns.
- 280 QUANTITATIVE REASONING IN HISTORY** 3 S
HIS or SSC maj or min only or cons inst req.
Emphasis on question formulation, basic concepts of analysis, applications for historians.

290 HISTORY-SOCIAL SCIENCE**TEACHING METHODOLOGY I 3**

C or better in C&I 216 or conc reg req. Exceptions may be made by cons inst. Req for HIS or SSC maj in Teacher Ed programs. Incl Clin Exp.

Special methods and pre-student teaching clinical experiences for History-Social Science Teacher Education students. Includes observation and participation in classroom settings. Must be completed prior to student teaching.

292 CAREERS FOR HISTORY AND SOCIAL SCIENCES MAJORS 1

Cons inst req.

Acquaints students with career opportunities and relates History and Social Sciences skills learned to those needed in various career situations. Includes instruction in job placement skills.

294 HONORS THESIS 3 F,S

Honors students or cons inst req.

Directed by a faculty member competent in the thesis field. The History Department shall approve the topic before registration.

296 HISTORIOGRAPHY AND HISTORICAL METHOD 3 F

Cons inst req.

Explores the character and discipline of history through the study of representative historians.

300 SENIOR SEMINAR IN HISTORY 3 F,S

HIS/HIS Ed maj only. HIS 200 or cons inst req.

An advanced study of the methods, sources, and problems of the field of history, using a topical approach which varies from section to section.

300.01 SOCIAL SCIENCE SEMINAR 3

SSC maj. ECO/GEO/POS/PSY 138 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ECO/GEO/POS/SOC/ANT 300.01.

An intensive examination of a selected issue in the social sciences, taught from an interdisciplinary perspective, culminating in a capstone student research project.

306 REGIONAL AND AREA STUDIES 1-9

Any 200-level HIS course or cons inst req. Materials charge optional.

Intensive on-site study of particular lands, environments, cultures, and peoples.

307 SELECTED TOPICS IN NON-WESTERN HISTORY 3 F,S

1 of the following: HIS 103, 263, 265, 266, 271, 272, 275, 276 or IDS 203; or cons inst req. May be repeated if topic different.

The study of Non-Western history through a topical approach. Topics will vary from semester to semester.

308 SELECTED TOPICS IN EUROPEAN HISTORY 3 F,S

HIS 101, 102 and 200 or cons inst req.

The study of European history through a topical approach. Topics will vary from semester to semester. May be repeated for credit if content is different.

309 SELECTED TOPICS IN UNITED STATES HISTORY 3 F,S

HIS 135; HIS 136; HIS 200 or cons inst req. May be repeated for cr if topic different.

This course focuses on a specific topic or era of United States history, emphasizing conflicting interpretations and use of primary sources.

311 AGE OF THE AMERICAN REVOLUTION 3

The emergence of the United States as an independent nation from 1763 to the Constitutional Convention in 1787.

315 SLAVERY AND THE OLD SOUTH 3

HIS 135 or 257 or cons inst req.

Historiography of slavery and the pre-Civil War South.

320 LINCOLN: THE MAN AND HIS TIMES 3

Any 200-level American History course or cons inst req.

Attention directed especially toward the work of Lincoln in Illinois, his leadership during the Civil War, and his relationships with people and events of his time.

321 GREAT FIGURES OF AMERICAN HISTORY 3

Any 200-level American History course or cons inst req.

Personalities selected from American history with emphasis on the contributions and lasting influence of significant individuals.

322 AMERICAN URBAN HISTORY 3

Two 200-level HIS courses or cons inst req.

Survey of the history of the American city from 1820 to the present.

323 AMERICAN CULTURAL AND INTELLECTUAL HISTORY: 1620-1860 3

HIS 135 or cons inst req.

American progress in the fine arts, philosophy, literature, and science from Puritan times to 1860.

324 AMERICAN CULTURAL AND INTELLECTUAL HISTORY: 1860- PRESENT 3

HIS 136 or cons inst req.

The impact of naturalism, industrialization, secularization, and urbanization upon American culture since 1860.

325 PROBLEMS IN TWENTIETH-CENTURY UNITED STATES CONSTITUTIONAL HISTORY 3

Any 200-level American History course or cons inst req.

Major problems in American constitutional history since the Progressive Era; civil rights, freedom of speech and religion, federal-state relations.

327 AMERICAN LABOR HISTORY 3

HIS 136 or 137 or cons inst req.

The Industrial Revolution's impact upon workers with emphasis on the responses through unions and politics and on the role of government.

329 RURAL LIFE AND SOCIETY IN THE U.S.: 1800-PRESENT 3 F

Any 100- or 200-level United States History course or cons inst req.

Examines American rural society from 1800 to the present, with emphasis upon the impact of change upon farming communities.

30 THE FAMILY IN HISTORY 3
Any 100- or 200-level HIS course or cons inst req.
 History of the family in Europe and America, viewing the changes from idealist, economic determinist, family systems, and psychoanalytic perspectives.

41 EUROPEAN INTELLECTUAL HISTORY TO 1600 3
HIS 101 or 102 or cons inst req.
 The ideas of the ancient world, Middle Ages, Renaissance, Reformation, examined in a social, political and economic context.

42 EUROPEAN INTELLECTUAL HISTORY SINCE 1600 3
HIS 101 or 102 or cons inst req.
 The ideas of the scientific revolution, enlightenment, 19th and 20th centuries, examined in a social, political and economic context.

45 FRENCH REVOLUTION AND NAPOLEON: 1789-1815 3
Any 200-level European History course or cons inst req.
 Society, culture and government under the monarchy; destruction of the old order; rise and fall of Napoleonic France.

51 ANCIENT NEAR EAST 3
Any 200- or 300-level non-United States History course or cons inst req.
 The civilizations of Mesopotamia and Egypt from the Neolithic period to 500 B.C.

55 POPULAR CULTURE IN EARLY MODERN EUROPE 3
 History of the culture of the common population of Europe 1400 to 1800: pre-conditions, formation, principal elements, decline of the culture.

56 THE ENLIGHTENMENT 3
HIS 102 or cons inst req.
 Intellectual and social history of the Western world during the 18th century.

57 LATE MEDIEVAL AND EARLY MODERN BRITAIN 3 F,S
HIS 231 or cons inst req. Not for cr if had 226, 227, 359, or 360.
 Selected topics in British history, c. 1350 - c. 1750.

562 MODERN BRITAIN: 1815-PRESENT 3
HIS 232 or cons inst req.
 A general survey of British history in the 19th and 20th centuries.

566 SOVIET RUSSIA 3
Formerly TWENTIETH CENTURY RUSSIA.
 Study of communist revolution, culture, and dictatorship and its transformation into a contemporary European democracy.

573 HISTORY OF MODERN CHINA 3
 Concentrates on the Western and Chinese collision since the 1800's and the responses of traditional, national, and contemporary China to modernization.

575 HISTORY OF MODERN JAPAN 3
 Concentrates on Japan's modernization, goals of Meiji leaders, contradictory tendencies of pre-war Japan, and contemporary Japan.

378 ISLAM 3
 In-depth study of Islam, focusing on ideas rather than events. Topics include law, mysticism, art, and resurgent Islam.

390 HISTORY-SOCIAL SCIENCE TEACHING METHODOLOGY II 3
C or better in HIS 290 and C&I 216 or conc req req. Incl Clin Exp. Adm to Teacher Ed req.
 History-Social Science materials, use of instructional models, and clinical experiences. Must be completed prior to student teaching.

392 INSTRUCTIONAL TECHNOLOGY FOR HISTORIANS 3
12 hours of HIS or cons inst req.
 Use of computers for retrieval and analysis of historical evidence and for presentation of information and in instruction.

394 ORAL HISTORY 3
HIS 135 or 136 or cons inst req.
 Study and use of oral history as a research tool, and its application as a research technique.

395 ARCHIVES AND MANUSCRIPTS 3
Any 200-level HIS course or cons inst req.
 Nature, acquisition, processing and use of archives and manuscripts. Emphasis on theory and principles with practical exercises.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN HISTORY 1-16 F,S
Any 200-level HIS course or cons inst req. Max 6 hrs towards HIS/HIS Ed maj.
 Planned, supervised experience in a professional capacity in archives, business, government, historical archaeology, historical preservation, historical editing and publishing, historical societies, museums, or other application of history.

MATHEMATICS (MAT) 452

313 Stevenson Hall, (309) 438-8781

Chairperson: Lotus Hershberger.
Tenured/Tenure-track Faculty:
Distinguished Professor: Thornton.
Professors: Berk, Eggleton, Friedberg, Insel, Jones, Otto, Plantholt, Sennott, Shilgalis, Spence, Swafford, Vanden Eynden.
Associate Professors: Edge, El-Zanati, Gamage, Hathway, Lubinski, Marsalli, Tipnis.
Assistant Professors: Barrett, Day, Falcone, Hershberger, Langrall, Martin, McCrone, Meier, Parr, Rich.

For current information on faculty interests and e-mail addresses, Mathematics programs, and schedule of classes, visit our Internet Website: www.math.ilstu.edu.

General Department Information

Mathematics Requirements for Elementary and Middle School Education Majors:

Junior High/Middle School Mathematics Specialization (30 hrs) courses recommended: MAT 130, 202, 204, 207, 302, 307, 309, 312, 314, 315.

Grades 6-8 Mathematics Endorsement (18 hrs, 3 hrs of Grades 6-8 Mathematics methods and 15 hrs from 4 different Mathematics content areas. C&I 233 and PSY 302 are also required). Courses recommended: Methods: 302 and 15 hours from 4 of the following areas: General Content: 309, 315; Calculus: 314; Modern Algebra or Number Theory: 207, 305, 307, 330; Geometry: 204, 304; Computer Science: 166; Probability and Statistics: 312; History of Mathematics: 320. **NOTE:** The recommended courses in the Jr High/Middle School Mathematics Specialization will result in a Grades 6-8 Mathematics Endorsement.

Additional Study in Mathematics for Early Childhood and Elementary Education Majors (to satisfy State of Illinois General Education requirement of additional study in a discipline): 18 hours chosen from the following (9 hours of which must be at or above the 200-level): MAT 120, 121, 144, 145, 146, 147, 175, 204, 207, 210, 211, 236, 247, 260, 304, 305, 307, 309, 312, 314, 315, 320, 321, 330, 336, 337, 340, 341, 345, 347, 350, 351, 353, 356, 361, 362, 363, 370, 378. (For a Grades 6-8 Mathematics Endorsement, see previous paragraph.) Courses recommended: MAT 204, 207, 307, 309, 312, 314, or 315.

Cooperative Education/Internship in Mathematics:

The Department offers a Cooperative Education/Internship program for undergraduate Mathematics majors which provides for practical work experience in business, government, or industry. Students interested in participating in the program may secure further information by contacting the Mathematics Cooperative Education/Internship Coordinator.

HONORS IN MATHEMATICS

The Department offers an honors program for majors emphasizing a broad liberal arts program with requirements in Mathematics and in the General Education Program. Students interested in participating in departmental honors programs may secure further information by contacting the Director of the Mathematics or the Mathematics Education Honors Program. The Department also offers in-course honors for students enrolled in the University Honors Program.

MINOR IN COGNITIVE SCIENCE

The Department of Mathematics participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under interdisciplinary Studies in this *Undergraduate Catalog*.

Mathematics Programs

Degrees Offered: B.A., B.S.

Career Information for Mathematics Majors and Minors:

Career needs in a wide variety of vocations are met by the diverse course offerings in the Mathematics Department. These include vocations in Secondary Teaching, Business Management, and Actuarial Science; vocations that involve research or applications of Mathematics in business, government, and industry; and vocations involving research or applications of Mathematics in the physical and social sciences. The needs of those preparing for continued study and research in Mathematics are met also by

the departmental offerings. The undergraduate degree programs are designed to be sufficiently flexible to meet career aspirations, to allow for individual exploration in various areas of interest, and also to permit suitable breadth for a liberal education.

Students are urged to consult with the Mathematics Undergraduate Director or Mathematics faculty in planning their programs. Information on careers in Mathematics can be secured from the Mathematics Undergraduate Director in Stevenson 313 and from the Mathematics Career Center in Stevenson 313.

Students interested in meeting the requirements for certification to teach secondary school Mathematics must consult with a Mathematics Education advisor to design a special program of studies.

Students preparing for a specific career are advised to include courses from the appropriate list(s) that follow. The courses with an asterisk should be among those selected. Those wishing a major or minor in Mathematics should select additional courses from the list as well. (Note that some courses in the following lists may not count toward major or minor requirements.):

- **Business Management:** 260, 337, 340, 350*, 351*, 353, 356, 361, 362*, 363, 370, 378.
- **Secondary Teaching:** 210, 211*, 223*, 236*, 247, 260*, 320, 321, 323*, 324*, 326*, 330*, 336, 347, 350*, 362, 378.
- **Business, Government, and Industry:** 260, 337, 340*, 341, 345, 350*, 351*, 353, 356*, 361, 362, 363, 370, 378.
- **Applications or Research in Physical Sciences:** 236, 336, 337, 340*, 341*, 345*, 350, 370, 378.
- **Applications or Research in Social Sciences:** 260, 337, 340, 350*, 351*, 356*, 361, 362, 363, 378.
- **Graduate Study and Research in Mathematics:** 210, 236*, 247, 330, 336*, 337*, 340, 341, 345, 347*, 350, 351, 361, 370, 378.

Admission Requirements for Majors:

New freshmen with 4 years of high school Mathematics may declare a major in the Department of Mathematics. External or internal transfer students may be admitted into a major if the following requirements are met: (a) at least 1 semester of college calculus with a grade of C or better and (b) a Mathematics GPA of: 2.2 for less than 60 hours of college credit earned, 2.1 for 60 to 89 hours of credit, and 2.0 for 90 or more hours of credit.

Departmental requirements for admission to the University Teacher Education program include a minimum Mathematics GPA of 2.2, a cumulative GPA of 2.5 and a positive recommendation from the Teacher Education Coordinator.

The term "Mathematics GPA" used above and throughout this *Undergraduate Catalog* means a GPA computed using all college Mathematics courses that are eligible for credit toward the major.

The only Mathematics courses that are not eligible for credit toward the major are the following: MAT 105, 108, 111, 119, 120, 121, 130, 151, 152, 160, 162, 201, 202, 204, 207, 298, 298.50, 302, 304, 305, 307, 309, 312, 314, 315, 385. In addition, MAT 280 is not eligible for credit toward MAT/MAT Education Sequence.

Graduation GPA Requirement for Majors:

The minimum graduation GPA is 2.0 for a Mathematics Major and 2.2 for a Mathematics Education Major. These grade point averages are computed using the following courses taken at Illinois State: the required English and computer programming courses and all Mathematics courses that are eligible for credit toward the major.

NOTE: Students who have taken calculus in high school may request to take a Calculus Proficiency Test. If proficiency credit is granted, students may begin their Mathematics courses with MAT 146 or a higher-level course.

To ensure proper placement, transfer students should consult with an advisor prior to registration for classes. A maximum of 4 hours credit may be given toward a major or minor for acceptable precalculus courses based upon advanced placement or transfer.

MAJOR IN MATHEMATICS

- A minimum of 42 hours in Mathematics required.
- Required courses: MAT 145, 146, 147, 175, 247, 260, 350; ENG 145 or 249 or equivalent.
- 1 computer programming course from: ACS 165, 166, 168. **NOTE:** Hours taken in Applied Computer Science do not count toward the required 42 hours in Mathematics.
- At least 1 course chosen from MAT 236, 330, 337, 347, 363.
- 2 course-pairs from the following groups. These course-pairs must be selected from different groups:
Algebra group: (MAT 236, 336); (MAT 236, 337).
Analysis group: (MAT 247, 345); (MAT 247, 347); MAT 340, 341).
Discrete group: (MAT 260, 361); (MAT 260, 362); (MAT 260, 363).
Statistics group: (MAT 350, 351); (MAT 350, 378).
- Submission of senior portfolio (see advisor).

Suggested Mathematics Schedules for Majors:

- Schedule (a) Students beginning with Precalculus
- Schedule (b) Students beginning with Calculus I
- Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147, 175	175	247, 260
5	247, 260	247, 260	electives

Teacher Certification Sequence:

(This sequence of the major is part of the entitlement program leading to high school certification and/or high school and junior high school endorsement.)

- A minimum of 40 hours in Mathematics is required.
- Required courses: MAT 145, 146, 147, 175, 211, 223, 236, 260, 323, 324, 350. **NOTE:** MAT 211 and C&I 216 or equivalent, and MAT 236 (or conc reg) are prerequisites for MAT 323. MAT 323 must be completed before the student teaching experience.

- 1 computer programming course from: ACS 165, 166, 168. **NOTE:** Hours taken in Applied Computer Science do not count toward the required 40 hours in Mathematics.
- 1 additional course must be chosen: MAT 247 or one of those 300-level courses available for maj/min credit.
- Students are encouraged to take electives from the list of Secondary Teaching courses above.
- Interested students should consult their advisor about opportunities for tutoring secondary school students, serving as a teaching assistant, or other relevant voluntary Clinical Experiences.
- Professional Education Requirements: PSY 215; C&I 214, 215, 216; EAF 228 or 231 or 235; Student Teaching 399.
- Submission of senior portfolio (see advisor).

Suggested Mathematics Schedules for Teacher Certification Sequence Majors:

- Schedule (a) Students beginning with Precalculus
- Schedule (b) Students beginning with Calculus I
- Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147, 175	175	211, 260
5	211, 260	211, 260	electives

Actuarial Science Sequence:

This sequence of the major is designed to prepare actuaries for work in the insurance industry or as consultants dealing with the risk of potential financial losses. Graduates of the program are prepared for an actuarial career in either the Life and Health field or the Property and Casualty field.

- Required courses: MAT 145, 146, 147, 175, 260, 280, 350, 351, 353, 380, 383; ACC 131; ECO 105, 240, 241; FIL 250, 341.
- 1 computer programming course from ACS 165, 168.
- Submission of senior portfolio (see actuarial advisor).
- Students are encouraged to take MAT 298 and 385 (exam preparation courses).

Suggested Mathematics Schedules for Actuarial Science Majors:

- Schedule (a) Students beginning with Precalculus
- Schedule (b) Students beginning with Calculus I
- Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147, 175	175, 280	280, 350
5	260, 350	260, 350	260, 351

Required courses in the Actuarial Science Sequence (listed above) provide the content for Course 1 and Course 2 professional exams co-sponsored by the Society of Actuaries and the Casualty Actuarial Society. Mathematics courses correspond to the content of these actuarial exams as follows:

Course 1: Calculus I-III, Applied Probability Models
 Course 2: Theory of Interest, Intermediate Micro- & Macroeconomic Theory, Intermediate Business Finance.

MINOR IN MATHEMATICS

- A minimum of 24 hours in Mathematics required.
- Required courses: MAT 145, 146, 175, 147 or 260.
- At least 8 hours chosen from MAT 236, 247, 260, 330, 336, 337, 340, 341, 345, 347, 350, 351, 361, 362, 363, 370, 378.

MINOR IN MATHEMATICS

For Teacher Education:

- Required courses: MAT 145, 146, 147, 175, 211, 236, and 323. **NOTE:** MAT 211 and C&I 216 or the equivalent, and MAT 236 (or concurrent registration) are prerequisites for MAT 323.
- Students should consult an advisor. One additional Mathematics elective is required to satisfy certification.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Mathematics Courses

- A year of high school geometry and a second year of high school algebra are highly recommended for anyone who wants to take Mathematics courses.
- Students may not enroll in a course which is prerequisite to a course that has been completed with a grade of C or better.

102 BASIC ALGEBRA 4 F,S

Does not count toward graduation. CR/NC only.
 Introduction to the basic concepts of elementary algebra.

104 INTERMEDIATE ALGEBRA 3 F,S

Math placement or cr in MAT 102 req. Does not count toward graduation. CR/NC only. Not for cr if had MAT 107. Scientific calculator required. Meets 5 days a week.

Intermediate course between one year of high school algebra and college algebra.

105 ELEMENTARY APPLICATIONS OF MATHEMATICS 3 F,S

1 yr high school algebra req. Not for cr maj/min or if had MAT 120. Not intended as preparation for any other MAT course. Scientific calculator req.

Problems in physical, biological and social sciences, business, politics, games and other fields solved by algebra, geometry, linear programming, probability, etc.

108 TRIGONOMETRY 2 F,S

Math placement or C or better in MAT 119 req. Not for cr maj/min or if had MAT 109. Dept-approved graphing calculator req.

111 DATA AND CHANCE IC-M 3 F,S

IDS 100 or conc reg req. Mathematics Placement Exam or C or better in MAT 104 req. Not for cr maj/min. May not be taken under the CT/NC option. Scientific calculator req.

Data representations, curve fitting, interpretation of polls and experiments, central tendency, statistical reasoning, applications of probability. Technology used where applicable.

119 COLLEGE ALGEBRA 3 F,S

Math placement or MAT 104 req. Not for cr maj/min. Dept-approved graphing calculator req. Meets 5 days a week.

Functions, relations, and inverses with emphasis on polynomial, rational, exponential, and logarithmic functions. Algebra of polynomials. Solving quadratic, exponential, and logarithmic equations. Solving quadratic, rational, and absolute value inequalities.

120 FINITE MATHEMATICS IC-M 4 F,S

IDS 100 or conc reg req. Mathematics Placement Exam or C or better in MAT 119 req. Not for cr maj/min. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Linear functions, matrices, systems of linear equations, sets and counting, probability, statistics, and mathematics of finance.

121 APPLIED CALCULUS MC-QR 4 F,S

IDS 100; C or better in MAT 120 and either Mathematics Placement Examination or C or better in MAT 119 req. Not for cr maj/min. May not be taken under the CT/NC option. Dept-approved graphing calculator req. Formerly INTRODUCTION TO CALCULUS FOR BUSINESS AND SOCIAL SCIENCES.

Non-linear functions, intuitive differential, integral, and multivariate calculus, applications.

130 DIMENSIONS OF MATHEMATICAL PROBLEM-SOLVING IC-M 3 F,S

IDS 100 or conc reg req. Mathematics Placement Exam or MAT 104 req. Not for cr maj/min. May not be taken under the CT/NC option. Scientific calculator req.

Multi-dimensional focus on mathematical problem-solving and reasoning with understanding in algebra, number theory, and geometry.

144 PRECALCULUS 4 F,S

Math placement or C or better in both MAT 108 and MAT 119 req. Dept-approved graphing calculator req.

Polynomial, absolute value, rational, exponential, logarithmic, and trigonometric functions and their graphs. Properties of trigonometric and inverse trigonometric functions and their applications. Conics, translation, and rotation of axes.

145 CALCULUS I IC-M 4 F,S

IDS 100 or conc reg req. Mathematics Placement Exam or C or better in MAT 144 req. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Polynomial, exponential, logarithmic, and trigonometric functions. Differentiation with associated applications. Introduction to integration with applications.

146 CALCULUS II MC-QR 4 F,S

IDS 100; C or better in MAT 145 req. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Techniques and applications of integration, L'Hopital's rule, improper integrals, applications, infinite series, and Taylor's Theorem. Differential equations.

147 CALCULUS III 4 F,S

C or better in MAT 146 req. Dept-approved graphing calculator req.

Polar coordinates and parametric equations in the plane with applications. Vector curves and surfaces in space. Partial derivatives, gradients, directional derivatives, and tangent planes. Multiple integration and line integrals.

152 STRUCTURE OF NUMBER SYSTEMS II 3 F,S

C or better in MAT 130 or 151 req. Not for cr if had MAT 202 or 204. Not for cr maj/min.

Continuation of MAT 151. Concepts and structure of real numbers. Probability, statistics, geometry, measurement, and algebra.

160 ELEMENTARY DISCRETE MATHEMATICS 4 F,S

C or better in MAT 120 or 145. Not for cr maj/min.

Elementary introduction to discrete mathematics, comprising topics relevant to computer science. Logic, algorithms, recursion, enumeration, relations, graph theory (including trees).

162 CONFLICT, COOPERATION, AND STRATEGIC DECISION-MAKING MC-QR 3 F,S

IDS 100; MAT 111, 120, 130, or 145 req. Not for cr maj/min. May not be taken under the CT/NC option. Also offered as POS 162.

Game theory, mathematical study of conflict and cooperation with applications. Analysis of two-person zero-sum and non-zero sum games, and n-person games.

175 ELEMENTARY LINEAR ALGEBRA 4 F,S

C or better in MAT 146 req; 147 rec. Dept-approved graphing calculator req.

Vector geometry, matrices, systems of linear equations, vector spaces, linear transformations, eigenvalues and eigenvectors, diagonalization, applications to the physical and social sciences.

201 TEACHING MATHEMATICS IN THE ELEMENTARY SCHOOL 3 F,S

C or better in MAT 152 or 202 req. Completion of 60 hrs req. Not for cr maj/min or if had C&I 252. May Incl Clin Exp.

Background for meaningful teaching of whole numbers, fractions, and geometric concepts. Special emphasis on planning instruction for children at the K-6 level.

202 MATHEMATICS FOR THE MATH K-8 SPECIALIST 3 F,S

C or better in MAT 130 or 151 req. 2.5 maj GPA req. Not for cr maj/min. Dept-approved graphing calculator req.

Background for teaching algebra topics in the junior high school curriculum.

204 GEOMETRY FOR K-8 TEACHERS 3 F,S

C or better in MAT 202, or conc reg req. Not for cr maj/min. May Incl Clin Exp. Dept-approved graphing calculator req.

Geometry relevant to grades K-8. Informal proof, congruence, parallelism, similarity, transformational geometry, and measurement.

207 FUNCTIONS AND TECHNOLOGY FOR K-8 TEACHERS 3 F,S

C or better in MAT 202 req. Not for cr maj/min. Dept-approved graphing calculator req.

The study of families of functions from the perspective of multiple representations and applications using technology.

210 SYMBOLIC LOGIC I 3 F,S

1 yr each high school algebra and high school geometry req. Also offered as PHI 210.

Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness.

211 EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY 4 F,S

C or better in MAT 175 or conc reg req.

Inductive and deductive study of Euclidean geometry; includes transformations, tessellations, polyhedra, classical theorems, introduction to non-Euclidean geometry.

223 INTRODUCTION TO SECONDARY MATHEMATICS EDUCATION 1 F,S

C or better in MAT 145 or 314. CR/NC only. Incl Clin Exp: 2 hrs, Type 1.

An introduction to secondary mathematics teaching centered around classroom observations, discussion of teaching and learning, and doing mathematics.

236 ELEMENTARY ABSTRACT ALGEBRA 4 F,S

C or better in MAT 175 req.

Introduction to rings, integral domains, and fields including the ring of integers, the fields of real and complex numbers, quotient rings, polynomial rings, homomorphisms, and ideals.

247 ELEMENTARY REAL ANALYSIS 3 F

C or better in MAT 147 and 175 req.

Careful examination of the theory of calculus through the study of properties of the real line.

260 DISCRETE MATHEMATICS 4 F,S

C or better in MAT 175 req. Not for cr if had MAT 363.

Counting problems, generating functions, recurrence relations, inclusion-exclusion, graphs, matching and covering, pigeonhole principle, applications.

280 THEORY OF INTEREST 4 S

C or better in MAT 146 req. Not for cr MAT/MAT Ed seq.

Measurement of interest, annuities certain, yield rates, amortization schedules and sinking funds, bonds, installment loans, depreciation methods.

- 298 PROFESSIONAL PRACTICE: INTERNSHIP IN MATHEMATICS** 2-4 F,S,Summer
MAT 175 plus 2 approved courses in MAT beyond 175; 2.75 overall GPA and 3.0 dept GPA. May be repeated; max 8 hrs. No cr maj/min. Cons dept chair req. CR/NC only.

Practical experience through professionally-oriented work in business, government, or industry. One credit per month of full-time employment.

- 302 TEACHING MATHEMATICS IN GRADES 5-8** 3 F, S
C or better in MAT 202 and 204 req. Not for cr maj/min. May Incl Clin Exp.

Problems, viewpoints, and trends in teaching middle school or junior high mathematics. Implications of research related to organization, content, and techniques for teaching mathematics in grades 5-8.

- 304 TOPICS IN GEOMETRY AND MEASUREMENT FOR K-8 TEACHERS** 3
C or better in MAT 202 req. Not for cr maj/min. Dept-approved graphing calculator req.

Geometry and measurement topics related to the elementary and junior high school curricula.

- 305 TOPICS IN ALGEBRA AND COMBINATORICS FOR K-8 TEACHERS** 3
C or better in MAT 202 req. Not for cr maj/min. Dept-approved graphing calculator req. Materials charge optional.

Algebra and counting topics related to elementary and junior high school curriculum.

- 307 MODERN ALGEBRA FOR K-8 TEACHERS** 3 F,S
C or better in MAT 207 req. Not for cr maj/min. Materials charge optional. Formerly MAT 205.

Algebraic concepts and structures relevant to grades K-8. Structure of familiar number systems compared to and contrasted with other mathematical systems.

- 309 PROBLEM-SOLVING IN GRADES K-8** 3 F,S
C or better in MAT 204 and 207 req. Not for cr maj/min. Dept-approved graphing calculator req.

Formulation, solution, and extension of problems from various areas of mathematics. Emphasis on inductive, deductive, and inferential reasoning and on solution processes and strategies.

- 312 PROBABILITY AND STATISTICS FOR K-8 TEACHERS** 3 F,S
C or better in MAT 204 and 207 req. Not for cr maj/min. May Incl Clin Exp. Dept-approved graphing calculator req.

Descriptive statistics, lines of best fit, basic concepts of probability, simulation, probability distributions, expectation, and counting techniques.

- 314 CONCEPTS OF CALCULUS FOR K-8 TEACHERS** 3 S
C or better in MAT 309 or cons inst req. Not for cr maj/min. Dept-approved graphing calculator req.

Concepts of differential and integral calculus, including limits, sequences, and transcendental functions. Emphasis on the role of calculus in Mathematics and problem-solving.

- 315 MATHEMATICAL MODELING FOR MIDDLE SCHOOL TEACHERS** 3 F
C or better in MAT 309 and 312 req. Not for cr maj/min. Dept-approved graphing calculator req.

Mathematical modeling and problem-solving with applications involving networks and communication systems, finance, locating positions on the surface of the earth, data systems, and biology.

- 320 HISTORY OF MATHEMATICS TO 1600** 2
MAT 145 rec.

Emphasis on Greek geometry, and growth of algebra and algebraic notation from early Mesopotamia through Renaissance.

- 321 HISTORY OF MATHEMATICS 1600-PRESENT** 2
C or better in MAT 147 req.

Development of modern Mathematics (analysis, algebra, geometry) and the people in the forefront, beginning with Descartes. Emphasis on the 19th century.

- 323 MATHEMATICS FOR THE SECONDARY SCHOOL** 3 F
C or better in MAT 211; C or better in MAT 236 or conc reg; C&I 216; and at least a 2.2 MAT GPA req. Dept-approved graphing calculator req. Incl Clin Exp: 35 hrs, Type 1-5, 9. Adm to Teacher Ed req.

The selection, placement and teaching of secondary mathematics topics. Analysis of recent trends and practices.

- 324 SEMINARS FOR STUDENT TEACHERS OF MATHEMATICS** 3 S
C or better in MAT 323 and conc reg or completion of student teaching in MAT req. Dept-approved graphing calculator req. Incl Clin Exp: 25 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Examination of specific methods and materials for teaching algebra, geometry, and other secondary topics. Emphasis is on mainline core secondary mathematics topics and the professional aspects of mathematics teaching.

- 326 COMPUTER-EXTENDED MATHEMATICS FOR SECONDARY SCHOOLS** 3 F
C or better in MAT 175 req. Dept-approved graphing calculator req.

Integrating computers and calculators in the secondary Mathematics curriculum.

- 330 NUMBER THEORY** 3
C or better in MAT 175 req.

Divisibility, primes, unique factorization, numerical functions, congruences, Diophantine equations, other topics.

- 336 ADVANCED ABSTRACT ALGEBRA** 3
C or better in MAT 175 req; MAT 236 rec.

Introduction to groups, including permutation, symmetry and matrix groups, homomorphisms, normality, quotient groups, applications.

- 337 ADVANCED LINEAR ALGEBRA** 4 F
C or better in MAT 175 and sr standing req.

Abstract vector spaces, linear transformations and matrices, inner product spaces, eigenvalues and eigenvectors, diagonalization. Applications to geometry, the physical and social sciences.

- 340 DIFFERENTIAL EQUATIONS I** 3 F,S
C or better in MAT 147; MAT 175 or conc reg; and C, FORTRAN, Pascal, PL/I, or approved programming language req.
 First-order differential equations, linear differential equations, systems of differential equations, applications of differential equations, numerical solutions.
- 341 DIFFERENTIAL EQUATIONS II** 3 S
C or better in MAT 175 and 340 req.
 Power series solutions, Laplace transforms, Fourier series, boundary-value problems, introduction to partial differential equations (Laplace, heat, and wave equations).
- 345 ADVANCED CALCULUS** 4
C or better in MAT 147 and 175 req.
 Calculus of functions of several variables, Taylor's series of several variables, maxima and minima, Lagrange multipliers, inverse and implicit function theorems, multiple integration, line integrals, Green's, Stokes', and the divergence theorems.
- 347 ADVANCED REAL ANALYSIS** 4 S
C or better in MAT 336 or 337 or cons inst req.
 The real number system, topology of metric spaces, sequences, continuous functions, uniform convergence, differentiation, Taylor's Theorem, Riemann integration, the fundamental theorem of calculus, infinite series, power-series.
- 350 APPLIED PROBABILITY MODELS** 4 F,S
C or better in MAT 147 req. Formerly MATHEMATICAL STATISTICS I.
 Sample spaces, discrete and continuous random variables, probability functions, density functions, moment generating functions, important families of distributions, multivariate distributions. Applications to risk management.
- 351 STATISTICS AND DATA ANALYSIS** 4 F,S
C or better in MAT 147 and 350 req. Formerly MATHEMATICAL STATISTICS II.
 Chi-square, F, t, and bivariate normal distributions, Central Limit Theorem, goodness-of-fit tests, correlation and regression, analysis of variance, randomized block designs, non-parametric methods.
- 353 THE ANALYSIS OF TIME SERIES** 4 F
ECO 331 or MAT 350 or cons inst req. Also offered as ECO 353.
 Theory and application of regression and time series methods with reference to business and economic time series. Topics include regression, exponential smoothing, and Box-Jenkins methods. A computer statistical package will be used.
- 356 STATISTICAL COMPUTING** 4
C or better in 2 statistics courses; some facility with matrices req.
 Application of SAS and SPSS programs to real data emphasizing regression, and analysis of variance.
- 361 TOPICS IN DISCRETE MATHEMATICS** 2-4
MAT 175 and approved programming language req. Each topic may be taken once.
 Study of selected areas of discrete mathematics. Consult the *Class Registration Directory* for the topics to be offered and the hours of credit to be earned during any given semester.
- 362 LINEAR PROGRAMMING** 2-4 F
C or better in MAT 175 and C, FORTRAN, Pascal, PL/I, or approved programming language req.
 Modeling and solution of problems using the simplex method. Duality, sensitivity, integer programming. Transportation problems.
- 363 GRAPH THEORY** 2-4 F
C or better in MAT 175 or 260, and C, FORTRAN, Pascal, PL/I, or approved programming language req.
 Introduction to graph theory, connectivity, matching, coloring, network flows with applications to communication reliability, scheduling, and traffic flow problems.
- 370 NUMERICAL ANALYSIS** 4 S
C or better in MAT 175 and C, FORTRAN, Pascal, PL/I, or approved programming language req.
 Interpolation and approximation, error analysis, differentiation, integration, solutions of linear systems, root finding. Applications and computational techniques.
- 378 MATHEMATICAL MODELING** 4 F
C or better in MAT 175 and 350 req. MAT 340 rec.
 Applications of mathematical modeling to fields including biology, economics, engineering, political science, psychology, and sociology. Project required.
- 380 INTRODUCTION TO LIFE CONTINGENCIES** 4 F
C or better in MAT 280 and 350 req.
 Survival distributions, life tables; the mathematics of life insurance, life annuities, net premiums, and net premium reserves.
- 383 CREDIBILITY THEORY AND LOSS DISTRIBUTIONS** 3 S
C or better in MAT 351 req.
 Bayesian estimation and credibility theory, application of statistical theory to the development and estimation of loss distributions.
- 385 ACTUARIAL EXAM PREPARATION** 1 F,S
Cons inst req. Each topic may be taken once. Not for cr maj/min. MAT 385.01 not for cr if had MAT 147. MAT 385.02 not for cr if had MAT 350.
 Problem-solving sessions to aid in preparation for examinations given by the Society of Actuaries. Topic 385.01 Course 100 Preparation; topic 385.02 Course 110 Preparation. Consult the *Class Registration Directory* for the topics to be offered during any given semester.
- 390 INDEPENDENT STUDY** 1-3 F,S

PHILOSOPHY (PHI) 454

412 Stevenson Hall, (309) 438-7665

web address: www.philosophy.ilstu.edu

email address: philosophy@ilstu.edu

Chairperson:

Tenured/Tenure-track Faculty:

Professors: Deutsch, Gorr, Gowen, Machina, Rosenbaum, Siderits, Simon.

Associate Professors: Anderson, Stillwell.

Assistant Professors: Bailey, Horvath.

General Department Information

The Major in Philosophy is designed to provide a liberal arts core around which a student may build a program of courses to suit a wide variety of career opportunities or other goals. The Department encourages its students to work with a departmental advisor in selecting a minor, a second major, or a set of connected courses in various fields which will best combine with philosophical study to produce a program meeting their needs. Majors are encouraged to pursue undergraduate research and internship opportunities. Students interested in philosophical issues related to values (moral, social, or aesthetic), justice, religion, existentialism, or the history of philosophy are encouraged to pursue the B.A. option. Students with a special interest in philosophical issues related to artificial intelligence, logic, computers, or science are encouraged to pursue the B.S. option.

MINOR IN COGNITIVE SCIENCE

The Department of Philosophy participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under Academic Programs and Courses in this *Undergraduate Catalog*.

MINOR IN WOMEN'S STUDIES

The Department of Philosophy participates in the Minor in Women's Studies program. Several courses offered by the Department contribute to the Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Women's Studies" under Academic Programs and Courses in this *Undergraduate Catalog*.

MINOR IN ENVIRONMENTAL STUDIES

The Department of Philosophy participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under Academic Programs and Courses in this *Undergraduate Catalog*.

MINOR IN PEACE AND CONFLICT RESOLUTION

The Department of Philosophy participates in the Minor in Peace and Conflict Resolution program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Peace and Conflict Resolution" under Academic Programs and Courses in this *Undergraduate Catalog*.

Philosophy Programs

Degrees Offered: B.A., B.S.

MAJOR IN PHILOSOPHY, B.A.

- 30 hours in Philosophy.
- Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; **Ethics:** PHI 232; and 233 or PHI 240; **Epistemology and Metaphysics:** PHI 281; **Senior Thesis:** PHI 395.
- At least 9 additional hours at the senior college level with at least 6 of these hours at the 300-level.

MAJOR IN PHILOSOPHY, B.S.

- 30 hours in Philosophy.
- Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; **Ethics:** PHI 232; **Epistemology and Metaphysics:** PHI 281 and 282; **Philosophy of Science or Philosophy and the Behavioral Sciences:** PHI 250 or 253; **Senior Thesis:** PHI 395.
- At least 6 additional hours at the 300-level.
- All students earning a B.S. degree in Philosophy must complete the following science literacy courses: PHY 102, Atoms to Galaxies; BSC 101, Fundamental Concepts of Biology; or a minimum of 9 hours in one natural science.
- **NOTE:** Each major works out a coherent program of supporting courses tailored to the student's needs in consultation with a faculty advisor.

Majors are strongly encouraged to take PHI 199 concurrently with or after completing their first philosophy course.

MINOR IN PHILOSOPHY

- 18 hours in Philosophy required.
- Required Philosophy courses by area: **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; at least 9 additional hours in Philosophy.
- Not more than two 100-level courses may count toward the minor.

MINOR IN PHILOSOPHY

For Teacher Education:

- 24 hours in Philosophy required.
- Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; **Ethics:** PHI 232 or 240 or 242; **Epistemology and Metaphysics:** PHI 281; and at least 6 additional hours in Philosophy with at least one 200- or 300-level course.

MINOR IN RELIGIOUS STUDIES

- 21 hours required, distributed as follows:
- 6 hours from Group A courses listed below, not including ANT 281. Courses must be from 2 different departments.
- 9 hours chosen from 3 of the Groups B, C, D, and E listed below. Courses must come from exactly 3 different Groups. Courses listed as "*Related Courses*" may not be used to satisfy this requirement.
- 6 additional hours from any of the Groups used to satisfy the previously-listed requirements; 3 of these hours may be chosen from the courses listed as "*Related courses*" for those Groups.

Students are advised to complete several courses from Groups B through E prior to enrolling in the courses of Group A, except that this advice does not apply to HIS 270. Courses listed as "Related Courses" in the following Groups may be of interest to students even though at most one of these may be used to complete the requirements for the minor.

Group A

- HIS 270 World Religions/World Views
 SOC 268 Sociology of Religion
 ANT 279 Magic, Witchcraft, and Religion

Related Course:

- ANT 281 Principles of Ethnology

Group B

- ENG 106 Introduction to Literature—Literary Themes and Topics (*May be used only when the theme is approved by Religious Studies advisor.*)
 ENG 250 Literature of the Bible I
 ENG 251 Literature of the Bible II
 ENG 352 Selected Figures in World Literature (*May be used only when the topic is approved by Religious Studies advisor.*)
 IDS 301 Judaism: History and Culture
 PHI 222 Philosophy and Christian Theology

Related Courses:

- ART 369 History of Medieval Art and Architecture
 HIS 223 The Middle Ages: 1100-1500
 HIS 225 The Reformation: Europe: 1500-1600
 HIS 351 Ancient Near East

Group C

- HIS 271 Islamic Civilization
 HIS 378 Islam

Related Courses:

- ART 366 Art of the Ancient Near East
 HIS 126 History and Culture of the Middle East
 HIS 351 Ancient Near East

Group D

- HIS 269 History of Japanese Religions
 PHI 207 Indian Philosophy
 PHI 208 Buddhist Philosophy

Related Courses:

- ART 120 Oriental Art
 HIS 125 History of East Asian Civilizations
 HIS 275 History of Japanese Civilization
 HIS 276 History of Chinese Civilization

Group E

- FOR 105 Classical Mythology **OR**
 FOR 106 Myth and Meaning

Related Courses:

- ART 367 Greek Art
 ART 368 Roman Art and Architecture
 HIS 220 Ancient History: Greece
 HIS 221 Ancient History: Rome
 HIS 351 Ancient Near East

NOTE: Students wishing to minor in Philosophy are requested to inform the Department of their intention and are invited to discuss their program with an advisor in the Department of Philosophy.

Philosophy Courses

Freshmen wishing to select a Philosophy course normally should enroll in a 100-level course. Courses at the 300-level presuppose at least the level of sophistication that the successful completion of one or more lower-level courses in Philosophy would demonstrate.

- 101 BASIC ISSUES IN PHILOSOPHY** 3 F,S
 An introduction to central philosophical issues, e.g., knowledge, reality, freedom, God, and morality.

- 104 THE IDEAL OF DEMOCRACY** MC-ICL 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Critical examination of the nature and moral justification of democracy, particularly as it is practiced in the United States.

- 112 LANGUAGE, LOGIC AND MATHEMATICS** MC-QR 3 F,S
IDS 100; MAT 111, 120, 130 or 145 req. May not be taken under the CT/NC option.

Using modern logic to understand basic mathematical concepts (such as function and proof) as well as complementary concepts outside mathematics (such as demonstration and explanation).

- 120 PHILOSOPHY OF RELIGION** 3 F,S
 Evaluation of the evidence for certain basic religious beliefs concerning the existence of God, the occurrence of miracles, evil, religious experience, faith, and other related topics.

- 138 MORAL AND SOCIAL VALUES** 3 F,S
 Current social issues—e.g., abortion and capital punishment—in light of differing views concerning moral and social principles.

- 150 SCIENCE AND HUMAN CULTURE** OC-DKCC/H 3 F
IDS 100; ENG 101; COM 110 req.

Examination of the dynamic interrelationship between human culture and the scientific methodologies used to study it; how culture both shapes and is shaped by science.

- 199 PHILOSOPHICAL RESEARCH METHODS** 2 F
 Develops understanding of and skill in utilizing basic philosophical techniques, strategies, and research methods.

- 202 SEX, VALUES, AND HUMAN NATURE** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. MC-IS category req.

Investigation of competing views about the nature of human sexuality, and their moral and social consequences.

- 203 EXISTENTIALISM** 3 F or S
 Existentialist themes—such as absurdity, authenticity, freedom, meaninglessness, alienation, and subjectivity—and their relevance to 20th-century society.

207 INDIAN PHILOSOPHY 3 F

Major Indian philosophical issues and theories and their contribution to Indian religion and culture; Hindu systems and the early Buddhist challenge.

208 BUDDHIST PHILOSOPHY 3 S

Origins and development of Buddhist philosophy; East Asian transformation (including Zen).

210 SYMBOLIC LOGIC I 3 F

1 yr each high school algebra and high school geometry. Also offered as MAT 210.

Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness.

222 PHILOSOPHY AND CHRISTIAN THEOLOGY 3 F or S

Philosophical examination of selected central ideas in Christianity, such as the incarnation, the trinity, sin, salvation, and ethics. Standard philosophical methodologies will be employed.

224 MEANING AND RELIGIOUS BELIEF OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. MC-LH category req.

Interdisciplinary examination of religion, emphasizing the character and evaluation of religious world views and their connections to mythologies, ethics, and ethos.

232 CLASSIC WESTERN MORAL THEORIES 3 F
C or better in 1 PHI course or 2.5 overall GPA rec. Formerly ETHICS.

Examination of major historical thinkers, e.g., Aristotle, Mill, Kant. Topics include value, obligation, virtue, moral justification, and moral standards.

233 CONTEMPORARY WESTERN MORAL THEORIES 3 S
PHI 232 and PHI 199 (may be taken concurrently).

A survey of important thinkers and developments in twentieth-century moral philosophy. Problems and theories discussed concern values and right conduct.

234 BUSINESS ETHICS 3 F or S

A philosophical examination of selected ethical issues in business practice including discussions of case material, such as personnel management, advertising, labor-management relations, and corporate responsibility.

236 VALUES AND THE ENVIRONMENT 3 F or S
Philosophical examination of selected moral and social issues involving humans, nonhumans, and the environment, e.g., animal rights, resource distribution, environmental racism.**238 RIGHTS AND WRONGS OC-DKCC/H 3 F,S**
IDS 100; ENG 101; COM 110 req. MC-IS category req.

Interdisciplinary approach to the analysis of moral and social issues in relation to the cultural contexts in which they arise.

240 POLITICAL PHILOSOPHY 3 F or S

C or better in 1 PHI course or 2.5 overall GPA rec.

Discussion of traditional and contemporary issues, e.g., human rights, theories of justice, Marxism, civil disobedience, punishment, and the end and limit of government.

242 PHILOSOPHY OF LAW 3 F or S

1 PHI course or a law-related course rec.

Evaluation of conflicting views concerning the nature of law, legal obligation, legal rights, and the justification of punishment.

244 GENDER AND MILITARISM 3 F or S

Jr/sr standing or cons inst req.

Topical introduction to contemporary feminist/women's responses to militarism and war, focusing on the links between masculinity/femininity and the global military-industrial complex.

246 FEMINIST POLITICAL PHILOSOPHY 3 F or S

Examination of feminist political theories addressing the oppression of women. Critical scrutiny of philosophical foundations of feminism.

248 MODERN WAR AND MORALITY 3 F or S

Intensive examination of moral problems concerning war, e.g., pacifism, self-defense, conscription, terrorism, nuclear deterrence.

250 PHILOSOPHY OF SCIENCE 3 S

The nature of scientific theories, methods, reasoning, hypotheses, laws, and explanations.

251 VISIONS OF THE SELF: A STUDY OF MINDS AND PERSONS OC-KD/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-IS category req.

Study of mind and self, drawing on insights from literature, philosophy, psychology, ethics, medicine, and artificial intelligence.

253 PHILOSOPHY AND THE BEHAVIORAL SCIENCES 3 F or S

Philosophical issues raised by and relevant to the scientific study of human behavior.

254 ANCIENT AND MEDIEVAL PHILOSOPHY 3 F

C or better in 1 PHI course or 2.5 overall GPA rec.

Classic Western philosophical ideas from the earliest times to the 15th century. The pre-Socratics, Socrates, Plato, Aristotle, Augustine, Aquinas, and others.

255 MODERN PHILOSOPHY 3 S

C or better in 1 PHI course or 2.5 overall GPA rec.

Classic western philosophical ideas of the 17th and 18th centuries. Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

281 RECENT HISTORY OF METAPHYSICS AND EPISTEMOLOGY 3 F

PHI 255 and 199 (PHI 199 may be taken concurrently).

Not for cr if had PHI 361 or 362.

Study of important themes and figures contributing to philosophical understanding of what exists (metaphysics) and how to know it (epistemology).

282 20TH CENTURY PHILOSOPHY OF LANGUAGE AND SCIENCE 3 F
PHI 112 or MAT/PHI 210; PHI 281 rec.

Fundamental 20th century ideas and issues in philosophy of language, philosophical logic, and philosophy of science.

298 PROFESSIONAL PRACTICE: INTERNSHIP IN APPLIED PHILOSOPHY 1-12 F,S
3 PHI courses req, including at least 1 at the 200- or 300-level. 2.5 GPA in PHI courses req. Complete dept application procedure. Max 3 hrs toward PHI maj/min. Cons dept chair.

Planned, supervised experience in a governmental or community organization providing experience in applying philosophical theory to current social or scientific problems.

305 TOPICS IN 20TH CENTURY PHILOSOPHY 3 F or S
PHI 281 and PHI 112 or MAT/PHI 210. Formerly 20TH CENTURY PHILOSOPHY. May be repeated for cr if topic different.

Major philosophical movements of the 20th century, focusing on significant figures.

310 TOPICS IN PHILOSOPHY OF SCIENCE 3 F or S
Cons inst. May be repeated for cr if topic different.

Examination of topics in philosophy of natural, behavioral, and/or social sciences, e.g., scientific explanation, evidence, methodology, progress, universality, normativity, testability.

315 TOPICS IN PHILOSOPHY, SCIENCE, AND THE MIND 3 F or S
Cons inst.req. May be repeated for cr if topic is different.

Exploration of a philosophical topic on the scientific study of the mind (e.g., mind-body problem, artificial intelligence, philosophical psychology, neuroscience).

330 TOPICS IN MORAL THEORY 3 F or S
PHI 232 and PHI 199. Formerly MORAL THEORY. May be repeated for cr if topic different.

Examination of fundamental issues in moral philosophy, e.g., possibility of moral knowledge, justification of value judgments, nature of moral responsibility.

339 TOPICS IN THE PHILOSOPHY OF ART 3 F or S
2 PHI courses req. Incl one 200-level or higher. Grad students may enroll without previous PHI courses. May be repeated for cr if topic different.

Philosophical examination of expression, aesthetic experience, representation, nature of art, possibility of objective evaluation as applied to various art forms.

340 TOPICS IN LEGAL AND POLITICAL PHILOSOPHY 3 F or S
PHI 199 and PHI 232 or 240. Formerly TOPICS IN POLITICAL PHILOSOPHY. May be repeated for cr if topic different.

Intensive examination of selected topics in social, political and legal philosophy, e.g., liberty, justice, rights, equality, community, democracy, political obligation.

350 TOPICS IN THE HISTORY OF PHILOSOPHY 3 F or S
PHI 281 req. May be repeated for cr if topic different.

Intensive examination of an important figure, movement, or theme in the history of philosophy, e.g. Plato, British Empiricism, freewill/determinism.

363 TOPICS IN METAPHYSICS AND EPISTEMOLOGY 3 S or F
PHI 281 and PHI 112 or MAT/PHI 210. May be repeated for cr if topic different.

Detailed examination of selected issues in contemporary metaphysics and epistemology.

390 INDEPENDENT STUDY 1-3
1 PHI course; cons inst and dept chair req.

395 SENIOR THESIS 1 F,S
Completion of a minimum of twenty-three hrs of PHI courses including at least one 300-level course.
 Concentration upon writing a substantial philosophical essay.

PHYSICS (PHY) 456

311 Moulton Hall, (309) 438-8756

Chairperson: Robert Young.

Tenured/Tenure-track Faculty:

Professors: Martin, Schroerer, Young.

Associate Professors: Clark, Grobe, Hassani, Holland, Karim, Matsuoka, Ren, Rutherford, Su.

General Department Information

The Physics Major sequences at Illinois State University are sufficiently flexible to serve the needs of students with any of the following goals: (1) government or industrial research and development, (2) graduate study in Physics, or an allied field such as Engineering, (3) professional study in intellectual property or patent law, or (4) high-school Physics teaching.

Physics Programs

Degrees Offered: B.S.

MAJOR IN PHYSICS

Physics Sequence:

- 44 hours in Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (3 hrs), 284, 325, 340, 384; 6 additional hours of 300-level Physics courses; CHE 140 and 141 (or CHE 150) are also required for the major.

Computer Physics Sequence:

- 43 hours in Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (1 hr), 284, 288, 325, 388, 390; 6 additional hours of 300-level Physics courses, of which at least 1 course must be chosen from PHY 320, 340 and 384; ACS 254 and CHE 110 and 112, or CHE 140, or BSC 196, or BSC 197.

Engineering Physics Program with University of Illinois:

- 44 hours of Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (1 hr), 284; 17 additional hours of approved; courses transferred from the University of Illinois; CHE 140 and 141 (or CHE 150) are also required.
- Offered previously as Affiliated Engineering or Pre-Engineering.

Teacher Certification Sequence:

- 36 hours in Physics required. Part of entitlement program leading to certification at the secondary level.
- Required courses: PHY 107, 110, 111, 112, 205, 209, 217, 220, 240, 270 (2 hrs), 302, 310, and 311. CHE 140 and 141 are also required for this major.
- Requirements for a second teaching field must be satisfied at the same academic performance level required for the major.

MINOR IN PHYSICS

- 23 hours in Physics required.
- Required courses: PHY 110, 111, 112, 11 additional hours of electives from 200- or 300-level Physics courses.

MINOR IN PHYSICS**For Teacher Education:**

- 26 hours in Physics required.
- Required courses: PHY 110, 111, 112, 270 (1 hr), 311.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Physics Courses

101 EXPLORING THE UNIVERSE 3 F,S
Intended for students not maj or min in the physical sciences.

Introduction to the past, present, and the future of our universe. Topics are selected from celestial motions, the solar system, stellar evolution, extragalactic astronomy, Big Bang, history of astronomy, and scientific process.

102 ATOMS TO GALAXIES IC-NS 3 F,S
IDS 100 or conc reg req. Not for cr maj/min or if had PHY 105, 108, or 110. May not be taken under the CT/NC option. Lecture and lab.

Concepts, history, and methodology of physical ideas such as motion, thermodynamics, electromagnetism, quanta, and relativity with interrelationships and applications.

105 FUNDAMENTALS OF PHYSICS IC-NSA 4 F,S
Not for cr if had PHY 108, 110 or equiv. Lecture and lab. Intended for students not maj or min in the physical sciences. May not be taken under the CT/NC option.

Concepts and principles of mechanics, heat, wave motion, electricity, magnetism, and light. Applications to everyday life.

107 FRONTIERS OF PHYSICS 2 F
Designed for students entering pre-engineering or physics. Materials charge optional. CR/NC only.

An introduction to selected contemporary topics in pure and applied physics. Orientation to physics and allied fields such as engineering as discipline and profession.

108 COLLEGE PHYSICS I IC-NSA 5 F,S
IDS 100 or conc reg req. 2 years of high school algebra or equiv req. Not for cr if had PHY 110 or equiv. Lecture and lab. May not be taken under the CT/NC option.

Basic principles of mechanics, wave motion, sound and heat, developed with algebra. Includes diverse scientific and technological applications.

109 COLLEGE PHYSICS II 5 F,S
PHY 108 or 110 req. Not for cr if had PHY 111 or equiv. Lecture and lab. Continuation of PHY 108.

Electrostatics, electrical currents, magnetism, light and optical instruments, quantum, atomic, and nuclear physics, special relativity.

110 PHYSICS FOR SCIENCE AND ENGINEERING I IC-NSA 4 F,S
IDS 100 or conc reg req. MAT 145 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Not for cr if had PHY 108 or equiv. Materials charge optional.

Basic principles of mechanics, wave motion, and sound, developed with calculus. Includes diverse scientific and technological applications.

111 PHYSICS FOR SCIENCE AND ENGINEERING II 4 F,S
PHY 110 and MAT 146 or conc reg req. Not for cr if had PHY 109 or equiv. Lecture and recitation. Lab (every other week). Continuation of PHY 110. Materials charge optional.

Thermodynamics, electrostatics, electrical currents and circuits, magnetism, Faraday's Law.

112 PHYSICS FOR SCIENCE AND ENGINEERING III 4 F,S

PHY 111; MAT 147 or conc reg req. Lecture and lab. Materials charge optional.

Electromagnetic waves, optics, relativity, quantum theory, atomic and nuclear physics. Lectures, demonstrations, discussions, laboratory exercises, computer lab.

117 NUMERICAL REASONING IN NATURE AND TECHNOLOGY MC-QR 3 F,S

IDS 100; MAT 111, 120, 130, or 145 req. May not be taken under the CT/NC option.

Logical, analytical, mathematical, and computational skills important to quantitative understanding of topics in nature and technology.

152 STATICS 3 S

PHY 110 and MAT 147 req.

Analysis of force systems; equilibrium of two- and three-dimensional systems; trusses, frames, friction; centroids; moments of inertia; hydrostatic pressure on submerged bodies; principle of virtual work.

201 ASTRONOMY LABORATORY 2 F,S

PHY 101 and cons inst req; PHY Ed maj only; course may not be taken in fulfillment of ISBE req for second area certification. Formerly PHY 102.

Optional lab to complement and extend concepts presented in PHY 101. Special emphasis placed on the role of astronomy in the secondary school curriculum.

205 ORIGIN OF THE UNIVERSE OC-KD/SMT 3 F,S

Inner Core req. MC-QR category req.

Big Bang Theory; observational and theoretical basis for its development; the early universe; and connection between the universe and subatomic particles.

206 CHAOS AND COMPLEXITY OC-DKCC/SMT 3 F,S

Inner Core req. MC-QR category req.

Chaos and complexity science in historical/social context, strange attractors, fractals, and self-organization; diverse applications from weather forecasting to artificial life.

207 ENERGY AND SOCIETY OC-KD/SMT 3 F,S

Inner Core req. MC-QR category req.

Scientific, technological, environmental, economic, health, ethical, and political aspects of energy production and use, from fossil and nuclear fuels to renewable energy sources.

209 INTRODUCTION TO TEACHING HIGH SCHOOL PHYSICS 1 F

10 hrs in PHY req. Physics Teacher Ed maj only. Clin Exp: 25 hrs, Type 1-6. Not for cr if had PHY 301.

A weekly seminar in which students exchange information and share reflections derived from clinical observations made in area high schools.

217 METHODS OF THEORETICAL PHYSICS 3 S

PHY 111; MAT 147 and 175 or conc reg req.

Mathematics applied to physics: multivariate calculus, vector and tensor analysis, curvilinear coordinates, complex numbers, differential equations, numerical methods.

220 MECHANICS I 3 F

PHY 112 and MAT 147 req.

Newton's laws applied to the study of motion of point masses subjected to viscous, frictional, elastic, central, harmonic, interparticle, and conservative forces.

240 ELECTRICITY AND MAGNETISM I 3 F

PHY 217 req.

Electrostatic fields and potentials in vacuum, Gauss' law, electrostatics of dielectrics, magnetostatics, Biot-Savart, Ampere, and Faraday laws, magnetic induction, magnetic materials, and Maxwell's equations.

270 EXPERIMENTAL PHYSICS 1 F,S

PHY 112 and 220 req; ENG 249 rec. Only PHY 270.03 may be repeated; max 3 hrs.

Laboratory experiments that demonstrate principles of mechanics, electricity, magnetism, optics, and modern physics. Emphasis on experimental technique, analysis, and on the quality of written reports.

284 QUANTUM MECHANICS I 3 S

PHY 112 and MAT 175 req. PHY 217 or conc reg req.

Blackbody radiation, photoelectric effect, wave-particle duality, uncertainty principles, Schrodinger equation, probability amplitudes, one-dimensional potentials, hydrogen atom.

288 METHODS OF COMPUTATIONAL SCIENCE 3 S

ACS 165; CHE 140; PHY 109 or 111; and MAT 146 or cons inst req. Also offered as ACS/CHE 288.

Introduction of a wide variety of computational techniques and their application to physics and chemistry problems. The applications will be restricted to computer simulations of simple physical systems from mechanics, electromagnetism and chemistry.

290 RESEARCH IN PHYSICS 1-3 F,S

20 hrs Physics req. May be repeated; max 3 hrs. 3 hrs conference, lab or library research per week for each hr of cr.

An introduction to the scientific discovery process through participation in a departmental research program.

302 COMPUTER APPLICATIONS IN HIGH SCHOOL PHYSICS 1 S

1 hr of PHY 270 req.

Applications of computers in teaching of high school physics.

310 READINGS FOR TEACHING HIGH SCHOOL PHYSICS 3 S

10 hrs in PHY req. Adm to Teacher Ed req.

Essential background experiences for teaching high school physics that center around developing scientific literacy in students.

311 TEACHING HIGH SCHOOL PHYSICS 3 F

18 hrs in PHY req; PHY 310 req; C or better in C&I 216 or conc reg req. Clin Exp: 10 hrs, Type 1-6. Not for cr if had PHY 301.

Strategies, curricula, and resources for the teaching of high school physics. Application of knowledge of physics, adolescent psychology, and pedagogical theory to secondary teaching.

312 PHYSICS TEACHING FROM THE HISTORICAL PERSPECTIVE 3 S*20 hrs in PHY req. Adm to Teacher Ed req.*

Overview of the development of classical scientific thought relating to physical phenomena with applications to pedagogy.

320 MECHANICS II 3*PHY 220 and MAT 340 req.*

Coordinate transformations, nonlinear oscillations, Hamilton's Principle, Lagrangian and Hamiltonian mechanics, rigid body motion.

325 THERMAL PHYSICS 3 F*PHY 284 req.*

Thermodynamics, kinetic theory, and statistical mechanics with discussion on phase transitions and critical phenomena.

330 OPTICAL PHYSICS 3*PHY 240 req.*

Optical systems, electromagnetic waves, interference and diffraction, quantum optics.

340 ELECTRICITY AND MAGNETISM II 3 S*PHY 240 and MAT 340 req.*

Electrostatic boundary value problems; Maxwell's equations; polarization, reflection, and transmission of electromagnetic waves, waveguides; electromagnetic radiation, fundamentals of antenna theory, relativistic electromagnetism.

355 SOLID STATE PHYSICS 3*PHY 325 req.*

Crystal structures, X-ray and electron diffraction, lattice vibrations and thermal properties, binding energy, conduction of electrons, band theory, dielectric and magnetic properties, defects, metals, semiconductors, and insulators.

375 ELECTRONICS FOR SCIENTISTS 3*PHY 109 or 111 req. Lecture and lab*

DC and AC circuit analysis with an introduction to the electrical properties of semiconductors; theoretical and experimental analysis of semiconductor diode, transistor, and operational amplifier circuits.

380 TOPICS IN CONTEMPORARY PHYSICS 1-3*Sr standing only. Cons inst. May be repeated.*

Recent developments in the fields of atomic, biomolecular, elementary particle, many-body, molecular, nonlinear, nuclear, plasma, and solid-state physics.

384 QUANTUM MECHANICS II 3 S*PHY 284 and MAT 340 req.*

Operator formalism, Dirac bra and ket notation, angular momentum, perturbation theory, applications to laser physics.

387 METHODS OF MATHEMATICAL PHYSICS 3*PHY 240 and MAT 340 or conc reg req.*

Finite- and infinite-dimensional vector spaces, matrices and determinants, Fourier analysis, complex analysis, differential equations. Emphasis on physical applications.

388 ADVANCED COMPUTATIONAL PHYSICS 3 F*PHY 220, 240, 284, and 288 or cons inst req. Formerly COMPUTATIONAL PHYSICS.*

Application of computational methods to contemporary topics in physics, including nonlinear classical and quantum dynamics or physical problems that involve many degrees of freedom.

390 COMPUTATIONAL RESEARCH IN PHYSICS 1-2 S*PHY 388 req.*

Independent computational project in physics.

POLITICAL SCIENCE (POS) 460

306 Schroeder Hall, (309) 438-8638

Chairperson: Jamal Nassar.**Tenured/Tenure-track Faculty:***Distinguished Professor:* Payne.*Professors:* Eimermann, Gordon, Hunt, Monroe, Nassar.*Associate Professors:* Bradley, Brooks, Davis, Kiser, Klass, Lind, Parodi, Pope, Steger, Wang.*Assistant Professors:* Crothers, Josephson, Leatherman, Veney.**General Department Information**

The Political Science program provides students with a broad liberal education and at the same time offers opportunities to begin a specialized concentration in one area of the discipline such as public service or global studies. The study of political science leads into careers in law and paralegal services; local, state, and federal governments and not-for-profit agencies; international public and private organizations; teaching and research; and in the private sector-especially government-related activities of business. Career information, including career-related courses offered by other departments, is available from the Department's undergraduate, concentration, and pre-law advisors. Teacher Education students majoring in Political Science fulfill Professional Education requirements through the Social Sciences program.

MAJOR IN SOCIAL SCIENCES EDUCATION

The major in Social Sciences is administered by the Department of History in cooperation with the Departments of Economics; Political Science; and Sociology-Anthropology. For further information see Social Sciences Programs.

MINOR IN URBAN STUDIES

The Department of Political Science participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as the section entitled "Minor in Urban Studies" under University Wide Programs in this *Undergraduate Catalog*.

HONORS IN POLITICAL SCIENCE

Students majoring or minoring in Political Science may be admitted to the Departmental Honors Program if they have: (1) completed at least 30 semester hours of college- or university-level courses, including at least 2 Political Science courses; (2) a minimum of 3 semesters remaining before graduation; (3) a cumulative GPA of 3.3; (4) one letter of recommendation submitted by a Political Science faculty member to the undergraduate advisor; (5) membership in the University Honors Program; and (6) admission approval from the Departmental Honors Committee.

In order to graduate with honors in Political Science a student must complete: (1) all regular requirements for the Political Science Major; (2) 3 hours of in-course honors; (3) 3 hours in POS 302: Honors Seminar; (4) 3 hours of POS 299: Independent Honors Study; and (5) have a major GPA of at least 3.5.

Any student admitted to the University Honors Program may earn honors credit by completing the honors requirements of either a designated honors course or of a course offering an in-course honors option.

Political Science Programs

Degrees Offered: B.A., B.S.

MAJOR IN POLITICAL SCIENCE

- 33 hours in Political Science including at least 18 hours at the 200-level or above and at least 6 hours at the 300-level (excluding internships, independent studies, and readings courses).
- Required courses: POS 105 or 106, 161, 209; either 140, 141 or 145, and either 150 or 151.
- A maximum of 6 hours in POS 398.01 and 398.20 may count toward a Political Science major.
- It is recommended that Political Science majors enroll in POS 105 or 106 in their first year of study and in 209 in their second year of study. Transfer students wishing to complete the Major are recommended to enroll in POS 105 or 106 and 209 in their first year at Illinois State University if they have not already had equivalent courses.

Public Service Sequence:

This program is a subdivision of courses encompassed within the Political Science Major/Minor designed to prepare students for employment in the public or nonprofit sector. The primary objective of this concentration is to serve the needs of those interested in pursuing a public service career and those who wish to learn more about public bureaucracies.

- 18 hours in Public Service courses in the Political Science Major or Minor.
- Required courses: POS 231 and 398.01 (minimum of 3 cr hrs).
- Elective Public Service courses:
Option A: Two 200-level and two 300-level Public Service courses or

Option B: One 200-level and three 300-level Public Service courses.

- Public Service courses include: POS 214, 220, 221, 222, 232, 236, 309, 313, 318, 323, 329, 330, 331, 332, 333, 334, and 335.
- It is highly recommended that students develop their Public Service Sequence in consultation with a departmental sequence advisor.

MINOR IN POLITICAL SCIENCE

- 18 hours in Political Science required.
- Required course: POS 105 or 106.
- A maximum of 3 hours in POS 398.01 and 398.20 may count toward a Political Science minor.

Public Service Sequence:

- 18 hours in Public Service courses in the Political Science Major or Minor.
- Required courses: POS 231 and 398.01 (minimum of 3 cr hrs).
- Elective Public Service courses:
Option A: Two 200-level and two 300-level Public Service courses or
Option B: One 200-level and three 300-level Public Service courses.
- Public Service courses include: POS 214, 220, 221, 222, 232, 236, 309, 313, 318, 323, 329, 330, 331, 332, 333, 334, and 335.
- It is highly recommended that students develop their Public Service Sequence in consultation with a departmental sequence advisor.

MINOR IN POLITICAL SCIENCE

For Teacher Education:

- In addition to those listed for the Minor in Political Science, students must complete education courses that are required for state certification. See undergraduate advisor for further information.

Legal Studies Program

The Legal Studies curriculum is designed to provide knowledge and skills related to various types of paralegal careers. This program may not be appropriate for pre-law students. While a major is not offered, interested students should consult the Legal Studies coordinator about the possibility of an individualized major under the General Studies program. In order to gain admission into the Legal Studies program, a student must have submitted a formal application to the Legal Studies coordinator; must have completed at least 2 approved Legal Studies courses (one of which must be POS 201); and must have earned a cumulative GPA of at least 2.5 in those 2 Legal Studies courses. For further information contact Dr. Thomas Eimermann, Legal Studies coordinator, 125 Schroeder Hall.

MINOR IN LEGAL STUDIES

- 24 hours required.
- Required courses (15 hrs): POS 201, 203, 204, 370, 371.
- 9 hours selected from the following Legal Studies Specialty Courses: POS 216, 314, 319, 322, 372, 398.20. A maximum of 6 credits of internship can be counted toward fulfilling the Legal Studies requirements. Additional hours of internship may be taken for credit as University electives.
- **NOTE:** Only Legal Studies courses with a grade of C or higher can count toward the minor.

Political Science Courses

Students should consult the Department advisor to learn which recently added and selected studies (189, 289, 389) courses may satisfy major requirements; this would include Political Science SENIOR SEMINAR, which counts toward fulfilling the 300-level hours requirement.

- 101 CITIZENS AND GOVERNANCE** MC-ICL 3 F,S
IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Examination of the nature and purpose of government, the rights and responsibilities of citizenship, and the impact of societal cleavages.

- 105 AMERICAN GOVERNMENT AND POLITICS** 3 F,S
Not for cr if had POS 106.

Surveys the entire U.S. political process, concentrating on the national level. Includes constitutional structure, patterns of behavior, and policy making institutions.

- 106 U.S. GOVERNMENT AND CIVIC PRACTICES** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req. in COM 110; or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Not for cr if had POS 105. May not count towards Constituion Exam requirements.

Examines the sources and effects of practices and institutions of participation, influence and cleavages in U.S. politics.

- 138 SOCIAL SCIENCE REASONING USING STATISTICS** MC-QR 4 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/GEO/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

- 140 INTRODUCTION TO THE POLITICS OF AFRICA, ASIA, AND LATIN AMERICA** OC-KD/SS 3 F,S
Inner Core req. Not for cr if had POS 145. Formerly POLITICS OF AFRICA, ASIA, AND LATIN AMERICA.

Overview of the politics and cultures of the peoples and countries of Africa, Asia, and Latin America.

- 141 INTRODUCTION TO EUROPEAN POLITICS** 3 F,S
Formerly COMPARATIVE EUROPEAN GOVERNMENTS.

Structure, function, and political processes of European governments. Emphasis on Britain, France, and Germany.

- 145 INTRODUCTION TO NON-WESTERN POLITICS** 3 F,S
Not for cr if had POS 140.

An introductory examination of the politics of non-Western countries and their significance to the United States and the global system.

- 150 INTRODUCTION TO U.S. FOREIGN POLICY** 3 F,S

The formulation, implementation, and content of U.S. foreign policy.

- 151 INTRODUCTION TO INTERNATIONAL RELATIONS** 3 F,S

Emphasizes understanding the behavior and characteristics of nation-states and issues affecting their relations with each other.

- 161 INTRODUCTION TO POLITICAL THINKING** 3 F,S

Critical consideration of basic political questions such as the nature of the state, civic order, and forms of government.

- 162 CONFLICT, COOPERATION, AND STRATEGIC DECISION-MAKING** MC-QR 3 F,S

IDS 100; MAT 111, 120, 130 or 145 req. May not be taken under the CT/NC option. Also offered as MAT 162.

Game theory, mathematical study of conflict and cooperation with applications. Analysis of two-person zero-sum and non-zero sum games, and n-person games.

- 209 EMPIRICAL RESEARCH METHODS** 4 F,S
3 hrs POS or cons inst req.

Major issues, systematic approaches, and research techniques involved in the study of politics.

- 213 U.S. CONGRESSIONAL POLITICS** 3 F
POS 101, 105, or 106 or cons inst req. Formerly CONGRESSIONAL POLITICS.

Major congressional institutions and proposals for their reform.

- 214 U.S. PARTIES AND INTEREST GROUPS** 3 F
POS 101, 105, or 106 or cons inst req.

Study of roles, functions, effects, and consequences of political parties and interest groups in the U.S.

- 215 U.S. JUDICIAL PROCESS** 3 F,S
POS 101, 105, or 106 or cons inst req. Formerly AMERICAN JUDICIAL PROCESS.

Introduction to the major elements of the judicial system: police, lawyers, juries, and judges. Concentrates on organization and behavior.

- 217 U.S. PRESIDENCY** 3 F
POS 101, 105, or 106 or cons inst req. Formerly AMERICAN PRESIDENCY.

The presidency is examined pre-eminently as an office of political influence, decision-making, and policy implementation.

- 220 CAMPAIGN POLITICS** 3
POS 101, 105, or 106 or cons inst req. POS 214 rec.
 Consideration of campaign planning, management, and activities through reading, discussion, and supervised student campaign participation. Ordinarily scheduled to coincide with federal primary and general election years.
- 221 U.S. STATE AND LOCAL GOVERNMENTS** 3
POS 101, 105, or 106 or cons inst req. Formerly AMERICAN STATE AND LOCAL GOVERNMENTS.
 Structures and functions of state and local governments. Includes discussion of comparative state and local politics and policy outputs.
- 222 METROPOLITAN POLITICS AND PROBLEMS** 3
POS 101, 105, or 106 or cons inst req. Formerly URBAN POLITICS AND PROBLEMS.
 A systems analysis of the processes and interactions of the environmental, social, economic, and power components of metropolitan political systems.
- 225 WOMEN IN POLITICS** 3
45 sem hrs or cons inst req. POS 101, 105, or 106 rec.
 The study of the role of women in the political process.
- 231 PUBLIC ADMINISTRATION** 3 F,S
POS 101, 105, or 106 or cons inst req.
 Mission, structure, function, politics, and public policy development of public administration, including parameters of public finance and personnel.
- 232 POLITICS AND PUBLIC POLICY** 3
POS 101, 105, or 106 or cons inst req.
 Introduction to the political processes of public policy formation, including theories, and an analysis and evaluation of selected policy areas.
- 236 ENVIRONMENTAL POLITICS AND POLICY** 3 S
POS 101, 105, or 106 or cons inst req.
 An examination of the development and implementation of government policy on the environment.
- 240 LATIN AMERICAN POLITICS** 3
45 hrs or cons inst req. POS 140 or 145 rec. Formerly POS 347.
 Politics of development and regional integration in South and Central America, using selected countries as examples.
- 242 RUSSIAN AND EASTERN EUROPEAN POLITICS** 3
45 hrs or cons inst req. POS 141 rec. Formerly POST-SOVIET GOVERNMENT AND POLITICS.
 Comparative analysis of Russian and Eastern European political systems.
- 245 ASIAN POLITICS** 3
45 hrs or cons inst req. POS 140 or 145 rec.
 Comparative analysis of the political systems and policies of Asian nations.
- 246 AFRICAN POLITICS** 3 S
45 hrs or cons inst req. POS 140 or 145 rec.
 Comparative analysis of African political systems, including such contemporary problems as the politics of race, nation building, and economic development.
- 247 MIDDLE EASTERN POLITICS** 3
45 hrs or cons inst req. POS 140 or 145 rec. Formerly POLITICS OF THE MIDDLE EAST.
 Comparative analysis of the political systems of selected Middle Eastern states and of region-wide issues including nationalism, revolution, and conflict.
- 251 THEORIES AND CONCEPTS OF INTERNATIONAL RELATIONS** 3
45 hrs or cons inst req. POS 151 rec. Formerly INTERNATIONAL RELATIONS.
 Presentation of various approaches employed to study international politics, and an analysis of problems and prospects of the contemporary world.
- 252 INTERNATIONAL ORGANIZATIONS** 3 F
45 hrs or cons inst req. POS 151 rec.
 Introduction to the role of international organizations in world affairs. Preparation for Model United Nations.
- 254 GLOBAL ISSUES** 3 F
45 hrs or cons inst req. POS 151 rec.
 Transnational political interactions and behavior of global actors and their impact upon crucial socio-economic, technological, and cultural issues.
- 255 INTERNATIONAL CONFLICT AND SECURITY** 3
45 sem hrs or cons inst req. POS 151 rec.
 An examination of the nature of conflict and security arrangements among nations and their international actors.
- 261 CLASSICAL POLITICAL THEORY** 3 F
45 hrs or POS 161 or cons inst req. Formerly POS 362.
 Introduction to the origin and development of inquiry about human life in political association with particular reference to ancient and medieval philosophers.
- 262 MODERN POLITICAL THEORY** 3 S
45 hrs or POS 161 or cons inst req.
 Introduction to political theory emphasizing the intentions, methods, and concepts of selected thinkers from the 16th through the 20th centuries.
- 265 AMERICAN POLITICAL THEORY** 3 F
45 hrs or POS 161 or cons inst req. Formerly TOPICS IN AMERICAN POLITICAL THOUGHT.
 Analysis and evaluation of major writings that proceed from, contribute to, or comment upon the American political experience.
- 266 AMERICAN LEGAL THEORIES** 3
45 hrs or POS 161 or cons inst req. Formerly AMERICAN LEGAL THEORY AND ITS BACKGROUND.
 A theoretical overview of the legal component of political science with particular reference to policies and institutions in the American legal system.
- 283 TRIAL ADVOCACY** 3 F
 An introduction to fundamental techniques of trial advocacy in preparation for participation in intercollegiate mock trial competitions.

300 SENIOR SEMINAR 3
POS maj/min and 90 hrs req.
Intensive study of an announced area and the formulation of a comprehensive research paper.

300.01 SOCIAL SCIENCE SEMINAR 3
SSC maj. ECO 131 or GEO 204 or HIS 200 or 296 or POS 209 or SOCS 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ECO/GEO/HIS/SOC 300.01.
An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

302 HONORS SEMINAR 3
Enroll in University Honors Program and either 60 hrs or cons inst req. Formerly POS 300.
Intensive study of an announced area and formulation of a cumulative research paper.

309 ADVANCED QUANTITATIVE RESEARCH TECHNIQUES 3
POS 209 or cons inst req.
The application of advanced quantitative research techniques to the study of politics.

310 VOTING AND ELECTIONS 3
POS 105, 106, or 209 or cons inst req
Intensive investigation of U.S. voting behavior and electoral process; includes instruction in analysis techniques.

312 PUBLIC OPINION 3
POS 105, 106, or 209 or cons inst req.
Includes attention to social and psychological bases of public opinion, current trends, methods of measurement, and opinion-policy linkages.

313 COLLECTIVE DECISION MAKING 3
3 hrs POS or cons inst req.
Game theory approach to decision-making in large groups, including legislatures, unions, oligopolies, bureaucratic organizations, and international negotiations.

317 U.S. POLITICS AND CULTURE AFTER VIETNAM 3 S
POS 101, 105, 106, or cons inst req.
Examination of the impact of the Vietnam War on contemporary U.S. politics.

318 ADMINISTRATIVE LAW 3
60 hrs or cons inst req. POS 215 rec.
An overview of topics such as legislative, executive, and judicial control of administrative actions, public and private access to information, the administrative hearing process and other due process concerns.

323 STATE POLITICAL SYSTEMS 3
60 hrs, POS 221 or cons inst req.
Exploration of the nature of state politics through comparison, contrast, and synthesis of micropolitical and macropolitical research in state politics.

324 TOPICS IN PUBLIC LAW 3 S
60 hrs, POS 101, 105, 106 or cons inst req. POS 215 rec. May be repeated if cont different.
Selected topics focusing on specialized aspects of Public Law.

325 CONSTITUTIONAL LAW: FUNCTIONS AND POWERS 3 F
60 hrs or cons inst req. POS 215 rec.
Major Supreme Court decisions on federalism, separation of powers, taxation, commerce, voting, and citizenship.

326 CONSTITUTIONAL LAW: DUE PROCESS RIGHTS 3 F,S
60 hrs or cons inst req. POS 215 rec.
Major Supreme Court decisions involving both procedural and substantive due process rights.

327 CONSTITUTIONAL LAW: EQUALITY AND FREE EXPRESSION 3
60 hrs or cons inst req. POS 215 rec.
Major Supreme Court decisions involving discrimination, and freedom of speech, press, assembly, and religion.

329 POLITICS OF FEDERALISM 3
POS 221 or cons inst req. Formerly INTERGOVERNMENTAL RELATIONS.
Federalism in theory and practice, focusing on U.S.; politics and policy in intergovernmental contexts; recent initiatives and current problems.

330 PROBLEMS OF PUBLIC ADMINISTRATION 3
POS 231 or cons inst req. May be repeated if content different.
Varied approaches to problems relevant to public policy, organization development, management, staff, or personnel concerns, and applied behavioral techniques.

331 PUBLIC PERSONNEL ADMINISTRATION 3
POS 231 or cons inst req.
The personnel process in American bureaucracy; matching the individual and the job; employer-employee relations; employee motivation; problems and prospects.

332 PUBLIC POLICY ANALYSIS 3
POS 209 or 232 or cons inst req. May be repeated if content different.
Comparative policy research; an assessment of factors affecting policy formation and approaches to evaluation of consequences of specific domestic public programs.

333 POLITICS, BUDGETS, AND TAXES 3
POS 231 or cons inst req. Formerly THE POLITICS OF GOVERNMENTAL BUDGETING.
Meaning, significance, content, and evolution of governmental budgeting processes and reforms at all levels of government; political implications of fiscal reforms.

334 THE POLITICS OF RACE, ETHNICITY AND INEQUALITY 3 F,S
POS 101, 105, or 106 or cons inst req; POS 214, 231 or 232 or 327 rec.
Analysis of contending theories and ideologies concerning the role of race and ethnicity in American politics and public policy.

335 COMMUNITY DEVELOPMENT 3 F

POS 101, 105, or 106 or cons inst req.

An examination of strategies and techniques employed in the United States and abroad in community development.

340 TOPICS IN LATIN**AMERICAN POLITICS 3**

Select 1 of the following: POS 140, 145, 240; GEO 230; HIS 127, 263, or cons inst req. May be repeated if content different.

Selected topics focusing on specialized aspects of Latin American politics.

341 TOPICS IN EUROPEAN POLITICS 3

Select 1 of the following: POS 141, 242, 243; GEO 240, 245; HIS 229, 234, 237, 366, or cons inst req. May be repeated if content different.

Selected topics focusing on specialized aspects of European politics.

344 TOPICS IN GLOBAL STUDIES 3

Select 1 of the following: POS 150, 151, 251, 252, 254, 255, 256, or cons inst req. May be repeated if content different.

Intensive review and analysis of critical global problems and strategies for dealing with them.

345 TOPICS IN ASIAN POLITICS 3

Select 1 of the following: POS 140, 145, 245, 255; HIS 373, 375, or cons inst req. May be repeated if content different. Formerly ASIAN POLITICS.

Selected topics focusing on specialized aspects of Asian politics.

349 TOPICS IN MIDDLE EAST POLITICS 3

Select 1 of the following: POS 140, 145, 247; HIS 272; or cons inst req. May be repeated if content different.

Selected topics focusing on specialized aspects of Middle East politics.

350 TOPICS IN CROSS-REGIONAL POLITICS 3

POS 140, 141, 145 or cons inst req. May be repeated if content different.

Selected topics in comparative politics that cut across regional boundaries.

351 INTERNATIONAL LAW 3

Select 1 of the following: POS 151, 251, 252, 254, 255, 256, or cons inst req.

Political nature, legal principles, and juridical procedures and cases of contemporary international law.

352 HUMAN RIGHTS 3 F

POS 140, 151, 251, 252, 254 or 255 or cons inst req.

General overview of human rights: philosophical foundation, historical development, main documents, institutions, movements and campaigns.

358 INTERNATIONAL POLITICAL ECONOMY 3

Select 1 of the following: POS 151, 251, 252, 254, 255, 256, or cons inst req.

An analysis of the structures of political power in the international political economy.

361 TOPICS IN POLITICAL THEORY 3

POS 101, 105, 106, or 161 or 60 sem hrs or cons inst req. May be repeated if content different.

Selected advanced topics covering specific concepts or authors in political theory.

363 POLITICAL THEORIES OF NONVIOLENCE 3

POS 101, 105, 106, 161, 261, 262, 265, or cons inst req.

Analysis of contending theories and approaches regarding nonviolence and civil disobedience.

398.01 PROFESSIONAL PRACTICE: PUBLIC SERVICE INTERNSHIP 1-16 F,S

Max 6 hrs/POS maj; max 3 hrs/POS min. Complete dept internship application procedure.

Planned, supervised experience in a governmental or community organization, providing on-the-job training and introduction to public service careers.

Legal Studies Courses

The following courses are designed for the Legal Studies program. Except for POS 201, 203, 204, and 398.20, these courses may not be counted for credit toward a Political Science major or minor. A maximum of 9 hours may be applied to a Political Science major or minor from Legal Studies courses.

201 INTRODUCTION TO LAW FOR PARALEGALS 3 F,S

45 hrs req.

A paralegal specialty course that introduces students to basic legal concepts, and the role of paralegals/legal assistants in the American legal system.

203 LEGAL RESEARCH I 3 F

POS 201 or cons Legal Studies advisor req.

A writing-intensive, paralegal specialty course that introduces students to the basic techniques of legal research.

204 LEGAL RESEARCH II 3 S

POS 203 req.

A writing-intensive paralegal specialty course that covers advanced legal research.

216 INTRODUCTION TO TORTS 3 S

Not for cr POS maj/min.

An introduction to the fundamental concepts of tort law. Topics include intentional and unintentional wrongs, varieties of liability, and courses of action.

314 INVESTIGATIVE TECHNIQUES 3 F

POS 201 and 216 req. Not for cr POS maj/min.

Techniques for the gathering and preparation of evidence for use in legal disputes.

319 PROBATE LAW 3

POS 201 or cons inst req. Not for cr POS maj/min.

Introduction to the fundamentals of probate law with emphasis on tasks which can be performed by paralegals.

322 DOMESTIC RELATIONS LAW 3*POS 201 or cons inst req. Not for cr POS maj/min.*

Overview of the laws and procedures governing legal aspects of marriage and child custody. Emphasis is placed on tasks which can be performed by paralegals.

370 LITIGATION I 3 F*POS 201 and 203 req. Not for cr POS maj/min.*

An advanced paralegal specialty course that covers both civil and criminal litigation from the filing of a legal action through the defendant's responses.

371 LITIGATION II 3 S*POS 370 req. Not for cr POS maj/min.*

An advanced paralegal specialty course that covers both civil and criminal litigation from the discovery and pretrial motions through the trial and appellate stages.

372 EMPLOYMENT LAW 3*POS 201 or cons inst req. Not for cr POS maj/min.*

A paralegal specialty course covering retirement plans, collective bargaining agreements, workmen's compensation, anti-discrimination laws, and OSHA regulations.

398.20 PROFESSIONAL PRACTICE: PARALEGAL INTERNSHIP 1-16 F,S

POS 201 req. Max 6 hrs POS maj; max 3 hrs POS min. Complete dept internship application procedure.

Internship provides work experience involving paralegal skills.

PSYCHOLOGY (PSY) 462**435 DeGarmo Hall, (309) 438-8651****Chairperson:** David Patton Barone**Tenured/Tenure-track Faculty:***Distinguished Professor:* Berk.

Professors: Alferink, Barone, Bergner, Catanzaro, Creasey, Graybill, Jarvis, Johnson, Landau, Pryor, Redding, Reeder, Schmaltz, Stevens, Swerdlik.

Associate Professors: Binning, DeSouza, Farmer-Dougan, Hardwick, Horton, House, Laurent, Pfost, Williams.

Assistant Professors: Bucy, Critchfield, Cutting, Hesson-McInnis, Kahn, Ladd, McBride, Meyers, Nauta, Nordstrom, Peterson, Reese-Weber.

General Department Information**MINOR IN COGNITIVE SCIENCE**

The Department of Psychology participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under Interdisciplinary Studies in this *Undergraduate Catalog*.

HONORS IN PSYCHOLOGY

The Department offers honors work for superior students majoring in Psychology. In order to qualify the student must be a member of the University Honors Program, have achieved senior standing at Illinois State University, have achieved a University GPA of 3.30 or better, and have a GPA of 3.50 or better in Psychology course work. Finally, the student must complete a senior thesis (PSY 299-Independent

Honors Study) which reflects substantial research and quality of thought. The student completing the program may choose to present the thesis at an honors colloquium.

Psychology Programs

Degrees Offered: B.A., B.S.

MAJOR IN PSYCHOLOGY

- 36 hours in Psychology required.
- Meet departmental admissions criteria.
- Required courses: PSY 110 or 111, 231, ECO/GEO/POS/PSY 138 or 240, 331, 392.
- All majors are required to take 4 courses from the following: PSY 320, 334, 350, 360, 361, 363, 364, 365, 366, PSY 301 (or 302 or 303). Not more than 12 hours of 100-level Psychology courses, or Psychology courses transferred from community colleges, may count toward the major.
- Students who major in Psychology must complete the following courses or equivalents: ENG 101, 145; MAT 144 and 145, or MAT 120 and 121, or MAT 144 and PSY 345, or MAT 120 and PSY 345; 2 approved classes with laboratories in Biological Sciences, Chemistry, or Physics, (see Department for list of approved lab courses); and at least 1 course from PHI 101, 232, 250, 253, or other approved courses..

MINOR IN PSYCHOLOGY

- 21 hours in Psychology required.
- Meet departmental admissions criteria.
- Required courses: PSY 110 or 111, 231, 232.
- Plan a program of study in consultation with an advisor in the Psychology Department.
- **NOTE:** Course work in Sociology, Anthropology, and Social Work does not count toward the Psychology Minor.

MINOR IN PSYCHOLOGY**For Teacher Education:**

- 21 hours in Psychology required.
- Meet departmental admissions criteria.
- Required courses: PSY 110 or 111, 231, 232.
- Select 1 course from the following: PSY 112 or 113, 131.
- Select 3 courses from the following: PSY 320, 334, 360, 361, 363.
- Plan a program of study in consultation with an advisor in the Psychology Department.
- Complete Teacher Certification requirements.
- **NOTE:** Course work in Sociology and Anthropology does not count toward the Psychology Minor.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Psychology Courses

- 110 EXPLAINING HUMAN BEHAVIOR MC-IS 3 F,S**
IDS 110; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101 req. Not for cr if had PSY 111. May not be taken under the CT/NC option.

A review and critical analysis of psychology's most influential explanations of human behavior (e.g. intrapsychic, interpersonal, socio-cultural, and biological).

- 111 GENERAL PSYCHOLOGY 3 F,S**
Not for cr if had PSY 110. Students may be expected to participate in experiments. May not be substituted for PSY 110.

Introduction to the discipline of psychology as the scientific study of behavior with emphasis on general principles.

- 112 DEVELOPMENTAL PSYCHOLOGY OF THE LIFE SPAN 3 F,S**
PSY 111 or 110 req. Not for cr if had PSY 113, 301, 302, or 303. May Incl Clin Exp: Type 1. May not be substituted for PSY 113.

Physical, social, emotional, and cognitive development of the individual from conception to death.

- 113 DEVELOPMENT THROUGH THE LIFE SPAN OC-KD/SS 3 F,S**
Inner Core req. Not for cr if had PSY 112, 301, 302, or 303.

An examination of human psychological constancy and change throughout the life span, with special emphasis on biological, social, and cultural influences.

- 123 HUMAN SEXUALITY 3 F,S**
SOC 106 or PSY 110 or 111 rec. Not for cr if had SOC 123.

Basic psychological, socio-cultural, and physiological elements of human sexuality.

- 131 SOCIAL PSYCHOLOGY MC-IS 3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as SOC 131.

Scientific study of way individuals think, feel, and behave in a group setting; research methods, attitudes, social cognition, and interpersonal relations.

- 138 SOCIAL SCIENCE REASONING USING STATISTICS MC-QR 4 F,S**
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/GEO/POS 138. May not be taken under the CT/NC option. Formerly ECO 131. Not for cr if had PSY 240.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

- 215 EDUCATIONAL PSYCHOLOGY 3 F,S**
PSY 110 or 111 req. Designed for prospective school teachers. Incl Clin Exp: Type 1.

Application of psychology to education covering human learning in school setting; evaluation and measurement of learning outcomes, developmental factors and learning, and social factors of learning.

- 220 APPLIED HUMAN RELATIONS 3 F,S**
PSY 110 or 111 req. Not for cr maj.

Survey of applications of psychological knowledge in the area of human and interpersonal relations. Focus on applying psychological principles in the workplace.

- 230 BUSINESS AND INDUSTRIAL PSYCHOLOGY 3 F,S**
PSY 110 or 111 req.

Behavioral factors related to business and industry. Personnel practices, individual-group interaction, leadership and morale, fatigue and safety, and consumer behavior.

- 231 EXPERIMENTAL PSYCHOLOGY 3 F,S**
PSY 110 or 111 req.

Philosophy of science and inquiry with emphasis on experimental methodology and some application of principles through laboratory experimentation and demonstration.

- 232 PERSONALITY 3 F,S**
PSY 110 or 111 req.

Representative personality theories and how they interact in today's society with normal and pathological patterns and the modification of these patterns.

- 234 INTRODUCTION TO PSYCHOLOGICAL TESTING 3 F,S**
SED maj only. PSY 110 or 111 req. Not for cr in PSY maj.

Survey of psychological tests and testing principles with applications to the Special Education classroom.

- 240 STATISTICS I 3 F,S**
SOC 106 or PSY 110 or 111; MAT 119 or 120 or 144 req. Not for cr if had SOC 240 or 275 or ECO/GEO/POS/PSY 138.

Application and interpretation of basic statistics used in the behavioral sciences: descriptive statistics, simple hypothesis testing and two-variable regression.

- 247 CHARACTERISTICS OF LD/BD/EMH IN CHILDREN AND ADOLESCENTS 3 F,S**
SED maj only. PSY 110 or 111 req. Not for cr if had PSY 347.

Definitions and classification systems for LD, BD, and EMH children and adolescents; labeling; theories of etiology; prevalence; educational and psychological characteristics of the three populations.

290 SPECIAL PROJECTS 1-3 F,S*PSY 110 or 111 req. Cons dept chair and inst.*

Majors in psychology can pursue areas of special interest independently and/or work on special projects; may be repeated up to maximum of 6 hrs total.

301 DEVELOPMENTAL PSYCHOLOGY OF CHILDHOOD 3 F,S*PSY 110 or 111 req.*

Motor, cognitive, and emotional development and personality growth of children, birth through pre-adolescence.

302 DEVELOPMENTAL PSYCHOLOGY OF ADOLESCENCE 3 F,S*PSY 110 or 111 req. May Incl Clin Exp: Type 1.*

Motor, cognitive, and emotional development and personality growth of the adolescent.

303 ADULT DEVELOPMENT AND AGING 3 F*PSY 110 or 111 req.*

Physical, cognitive, and personality development during adulthood, with emphasis on theories, empirical data, research methods, and current issues.

304 GERONTOLOGICAL PSYCHOLOGY 3 S*PSY 110 or 111 req.*

Psychological aspects of developmental transformations occurring during later adulthood. Application of psychology to problems of aging.

305 PSYCHOLOGY OF WOMEN 3 F,S*PSY 110 or 111 req.*

Psychological research to place in scientific perspective the etiology and behavioral consequences of female and male-oriented attitudes.

320 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 S*12 hrs of PSY req.*

Historical antecedents of modern psychology, beginning with Aristotle. Examination of modern psychology from a systematic point of view.

331 STUDIES IN EXPERIMENTAL PSYCHOLOGY 3 F,S*PSY 231 and 240 or ECO/GEO/POS/PSY 138, or cons inst req. PSY maj only. May be repeated if content different.*

Individualized research course focusing on particular content areas. Sections concentrate in different areas.

333 PRINCIPLES OF BEHAVIOR MODIFICATION 3 F,S*PSY 110 or 111 req.*

Principles of behavior modification with an emphasis upon their use in a variety of educational and clinical settings.

334 PSYCHOLOGICAL MEASUREMENT 3 F,S*PSY 110 or 111 req.*

Selection, evaluation, and interpretation of psychological tests, with emphasis on basic theory. Tests are considered as indicators of constructs in specific decision situations.

341 STATISTICS II 3 F,S*PSY 240 req.*

Logic of statistical inference: interval estimation, complex hypothesis testing, and non-parametric techniques. Applications in behavioral sciences.

345 COMPUTER APPLICATIONS IN PSYCHOLOGY 3 F,S*PSY 240 and MAT 120 or 144 req. PSY maj only or cons dept chair.*

Application of computer technology to psychology. Special emphasis is placed on the use of computer statistical packages to analyze psychological data.

346 PSYCHOLOGY OF EXCEPTIONAL CHILDREN 3 F,S*PSY 112 or 113 or 232 or 301 or 302 or C&I 210 req. May Incl Clin Exp: Type 1.*

Socio-psychological factors influencing the exceptional child's cognitive and affective development with implications for those working with exceptional children.

347 BEHAVIOR DISORDERS IN CHILDREN 3 F,S*PSY 110 or 111 req.*

Medical, psychological, and sociological aspects of behavioral disorders of children.

350 PSYCHOPATHOLOGY 3 F,S*PSY 110 or 111 req.*

Behavior disorders; neuroses, psychoses, character disorders, mental deficiencies, and other psychopathological conditions.

360 LEARNING 3 F,S*PSY 110 or 111a req.*

Experimental data bearing on the problem of learning; learning theory; learning data and theory in relation to applied problems.

361 PERCEPTION 3 F,S*9 hrs of PSY or cons inst req.*

Cognitive processes and their relationship to other processes. Relationship of sensation, attention, and memory to perception and factors influencing perception.

363 PHYSIOLOGICAL PSYCHOLOGY 3 F,S*9 hrs of PSY and BSC 100 or cons inst req.*

Neurophysiological and biochemical substrates of behavioral processes including sensori-motor, perceptual, motivational, emotional, and intellectual behaviors.

364 MOTIVATION 3 F,S*9 hrs of PSY or cons inst req.*

Evolution of basic concepts leading to contemporary explanation of determiners of action with application to vocational, social, and educational areas.

365 DYNAMICS OF SOCIAL BEHAVIOR 3 F,S*PSY 131 req.*

An overview of the explanations for various aspects of social behavior, e.g., interaction, attitudes, person perception, etc.

366 COGNITIVE PSYCHOLOGY 3 F,S*9 hrs of PSY, and PSY 231 or cons inst req.*

Information processing analysis of perception, attention, memory, language, and thinking.

375 PERSONNEL PSYCHOLOGY 3 F,S*PSY 230 or 334 or cons inst req.*

Procedures and methods used to match individual skills and abilities to the requirements of specific jobs; emphasis is on personnel selection.

376 ORGANIZATIONAL PSYCHOLOGY 3 F,S
PSY 230 or cons inst req. Not for cr if had MQM 221 or 421.

Research methods and results concerning social psychology of work organizations. Descriptions of practices in organizational psychology.

392 SENIOR SEMINAR 3 F,S
Sr standing; PSY maj only.

Detailed study of specific areas within the discipline.

398 PROFESSIONAL PRACTICE: PSYCHOLOGY 1-6 F,S
15 hrs in PSY; jr/sr standing. 2.5 major GPA req. No cr maj/min. May be repeated for different experience, up to maximum of 6 hrs total; 1-3 cr hrs per placement.

SOCIAL WORK (SWK) 465

313 Rachel Cooper, (309) 438-3631

Chairperson: Richard M. Grinnell, Jr.

Tenured/Tenure-track Faculty:

Professor: Grinnell, Smith.

Associate Professors: Campbell, Cunningham, Hamilton, Howard, Sullivan.

Assistant Professors: Davison, Holland, Jones, Leichty, Stampley, Thurman, Unrau, Wehrmann.

General Department Information

Admission Requirements:

Students may declare a major in Social Work upon admission to the University or with permission of the Department. All internal transfers (coming from general student status or some other declared major) must meet the following requirements:

1. Achievement of a cumulative 2.50 GPA at Illinois State University.
2. Grade of C or better in any major required course taken at Illinois State University or a transferred equivalent.
3. Completion of appropriate application and interview by the advisement coordinator.

— **NOTE:** The Social Work Department reserves the right to maintain a balanced enrollment. This may restrict the numbers of freshmen, transfer students, and internal transfers who wish to be Social Work majors.

— **NOTE:** Most Social Work courses are restricted to Social Work majors.

All Social Work majors must also be formally admitted to the program. The admission process is a prerequisite for taking any 300-level Social Work course. In order to be formally admitted into the Social Work program, students are required to make formal application during their enrollment in SWK 223. To be accepted into the program, the student must have satisfied the following requirements:

1. At least 30 hours of credit with a minimum 2.50 overall GPA;
2. Grade of C or better in all courses required for the major;

3. Successful completion of at least 50 pre-approved hours of volunteer or paid work experience in an appropriate social service agency within the past 2 years.

Exemptions from the grade point requirement may be made for students who demonstrate potential for academic success in Social Work. Exceptions are granted upon the recommendations of the Social Work Admission Committee and the Chairperson or designee of the Social Work program. Students with a 2.25 GPA may be accepted if they have earned at least a C in English 101. If they have earned less than a C in English 101, they must earn at least a C in either English 145 or Business 215 before being admitted into the program.

Special Certificates:

Women's Studies Certificate and Minor: This special program has been designed for students who wish to enhance the social work major by integrating a working knowledge of gender issues with the generalist BSW degree.

Child Welfare Certificate: This special certification is available to social work majors who wish to practice within the child welfare field in the State of Illinois.

Students interested in either of the above programs should contact the Department of Social Work Undergraduate Advisement Coordinator.

Retention Requirements:

The Department reserves the right to enforce professional standards of practice as specified in Section 6369 of the Clinical Social Work and Practice Act. These standards may be taken into consideration in decisions related to program retention. Students have the right to appeal these decisions.

Social Work Program

Degrees Offered: B.A., B.S.

MAJOR IN SOCIAL WORK

- 59 hours required, including 18 hours in foundation courses and 41 hours in Social Work core courses.
- 18 hours required in Social Work foundation courses: SOC 131, 264, 275; PSY 111, 350; BSC 145.
- 41 hours required in Social Work courses: SWK 170, 221, 222, 223, 225, 315, 325, 326, 335, 345, 396, 398.10, 398.11.
- Suggested electives: BSC 101; CJS 101; C&I 312; COM 223; PHI 138; POS 105, 215, 264; PSY 112, 232, 301, 302, 333; SED 109; SOC 106, 107, 123, 260, 261, 262, 263, 271, 332, 342, 366; SWK 160, 323, 330; or other relevant courses selected in consultation with the student's Social Work advisor.
- The Baccalaureate Degree in Social Work is accredited by the Council on Social Work Education. The primary objective of the major is to prepare entry-level professional social work practitioners.

Social Work Courses

125 BUILDING HEALTHIER COMMUNITIES THROUGH COMMUNITY INVOLVEMENT OC-KD/SS 3 F,S

Inner Core req.

Study of social issues with emphasis on rebuilding healthier communities, including an experiential service learning component.

160 INTERNATIONAL SOCIAL WELFARE 3 F,S

A cross-national study of basic social welfare services in developing nations. Food, income, housing, health, and social services in 3 third-world countries.

170 INTRODUCTION TO GENERALIST SOCIAL WORK 3 F,S

Formerly SURVEY OF SOCIAL WORK AND SOCIAL WELFARE.

Survey of contemporary social work from a generalist perspective.

221 INTRODUCTION TO SOCIAL WELFARE POLICY 3 F,S

SWK 170 or conc reg req; SOC 106 and PSY 110 or 111 rec. Formerly INTRODUCTION TO SOCIAL WELFARE.

The historical development of social welfare as an institution and the impact of social factors, economic factors, political factors, and ideological systems on social welfare laws, policies and programs. Includes the development of the social work profession from selected social movements.

222 CONTEMPORARY SOCIAL WELFARE POLICY 3 F,S

SWK 221 req. Formerly SOCIAL WELFARE POLICY AND SERVICES.

Descriptive, analytical, and critical analysis of social welfare programs, policies, and issues.

223 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT I 3 F,S

PSY 110 or 111; BSC 145; SOC 131 and 264 or conc reg req.

The integration of major concepts from the social and behavioral sciences in terms of their relevance for micro social work practice.

225 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT II 3 F,S

SWK 223 req.

The integration of major concepts from the social and behavioral sciences in terms of their relevance for macro social work practice.

315 SOCIAL WORK RESEARCH 3 F,S

SWK 221 or conc req. Maj only or cons dept advisor.

Application of theories and skills of research to social work practice with individuals, families, groups, communities, and organizations.

323 CHILD WELFARE SERVICES 3 F,S

SWK 222 rec or SED or FCS maj. Rec before SWK 398.10 if student wishes placement in a child-serving agency.

Services for dependent, neglected, abused, and handicapped children and their families.

325 GENERALIST SOCIAL WORK PRACTICE WITH INDIVIDUALS 3 F,S

SWK 221, 223 or conc reg req. Maj only or cons dept advisor. Conc reg SWK 326 req. Formerly SOCIAL WORK METHODS I.

Introduction to generalist social work practice with an emphasis on working with individuals.

326 SOCIAL WORK SKILLS LABORATORY 1 F,S

Conc reg SWK 325 req. Formerly SOCIAL WORK METHODS I LAB.

Lab course which teaches interpersonal practice skills.

330 TOPICS IN CONTEMPORARY SOCIAL WORK AND SOCIAL WELFARE 2-3 F,S

SWK 221 or cons inst req. May be repeated.

Analysis of current social welfare topics and the role of the profession of social work.

335 GENERALIST SOCIAL WORK PRACTICE WITH FAMILIES AND GROUPS 3 F,S

SWK 225 and 325 or conc reg req. Maj only or cons dept adv. Lecture and lab. Formerly SOCIAL WORK METHODS II. Materials charge optional.

Continuation of methodology and skills in social work practice, focusing specifically on knowledge, principles, techniques, and approaches to effect change in small groups and families.

345 GENERALIST SOCIAL WORK PRACTICE WITH COMMUNITIES 3 F,S

SWK 222 and 325 or conc reg req. Maj only or cons dept adv. Formerly SOCIAL WORK METHODS III.

Social work practice with neighborhoods, communities, and human service agencies, including program planning, administration, supervision, and evaluation.

388 SOCIAL WORK IN RURAL COMMUNITIES 2 S

SWK 335 or cons inst req.

An overview of the role of social work in rural areas, the culture of the communities, and the impact of personal, cultural, and institutional factors on vulnerable groups.

396 FIELD INSTRUCTION SEMINAR 1-3 F,S

Conc reg SWK 398.10 and 398.11 req. SWK 315 and 335 req. PSY 350 or conc reg req. Sr. standing and formal adm to SWK maj req. Maj only.

Taken concurrently with the field practicum courses, this seminar facilitates students' integration of generalist practice knowledge with their practice in a field agency setting.

**8.10 PROFESSIONAL PRACTICE:
SOCIAL WORK FIELD
INSTRUCTION I 5 F,S**
SWK 315 and 335 req. PSY 350 or conc reg req. Sr standing and formal admission to SWK maj req. Maj only. Offered on CR/NC basis only. Conc reg SWK 396 req. Materials charge optional. Formerly PROFESSIONAL PRACTICE: SOCIAL WORK FIELD INSTRUCTION AND SEMINAR I.

Supervised field instruction and practice in social work methods with individuals, groups, and communities in a social welfare agency.

**8.11 PROFESSIONAL PRACTICE:
SOCIAL WORK FIELD
INSTRUCTION II 5 F,S**
SWK 345 req. SWK 391 and 398.10 or conc reg req. Offered on a CR/NC basis only. Conc reg SWK 396 req. Formerly PROFESSIONAL PRACTICE: SOCIAL WORK FIELD INSTRUCTION AND SEMINAR II.

Advanced supervised field instruction and practice in social work. Setting usually the same as in SWK 398.10 but experiences are more diverse and complex. Integrates theory and practice with emphasis on the student as a professional social worker.

SOCIOLOGY - ANTHROPOLOGY

8 Schroeder Hall, (309) 438-8668

Chairperson: Nick Maroules.

Endured/Tenure-track Faculty:

Sociology: Professors: Heyl, Leonard, McKinney, Rau, Mollaert, Sprecher, Stivers, Thomas, Tolone, Treadway
Associate Professors: Gerschick, Griffin, Maroules, Moghadam, Co-Mom, Wortham

Assistant Professors: Beck, Bjorklund, Frank, Gill, Willetts

Anthropology: Distinguished Professors: Orser

Professors: Dirks, Nickels

Associate Professor: Skibo, Stanlaw

General Department Information

MAJOR IN SOCIAL SCIENCES EDUCATION

The Major in Social Sciences is administered in the Department of History in cooperation with the Departments Sociology-Anthropology; Economics; Geography, and Political Science. For further information see Social Science programs.

MINOR IN COGNITIVE SCIENCE

The Department of Sociology-Anthropology participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department Advisor as well as the section entitled "Minor in Cognitive Science" under Interdisciplinary Studies in this *Undergraduate Catalog*.

MINOR IN URBAN STUDIES

The Department of Sociology-Anthropology participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as the section entitled "Minor in Urban Studies" under University Wide Programs in this *Undergraduate Catalog*.

Sociology Programs (SOC) 466

Degrees Offered: B.A., B.S

Academic Requirements:

To graduate with a Sociology Major, students must earn a grade of C or better in each of the 5 required upper-level courses, SOC 206, 270, 271, 275, and 300.

Concentrations:

The Sociology program has identified several departmental concentrations that can be useful in planning the student's academic program. Students majoring in Sociology may elect (but are not required to elect) a concentration in Health and Aging; Social Inequality and Stratification; Deviance; Technology, Organizations, and Occupations; Social-Psychology and Social Interaction; and Community/Demography. Selecting a concentration is helpful for focusing on specific career objectives.

1. **Health and Aging:** Courses required for major plus SOC 210, 211, 212, and 311.
2. **Social Inequality and Stratification:** Courses required for major plus SOC 111, 260, 264, 341.
3. **Deviance:** Courses required for major plus SOC 108, 263, 365, and 367.
4. **Technology, Organizations, and Occupations:** Courses required for major plus SOC 175, 255, 352, and 355.
5. **Social-Psychology and Social Interaction:** Courses required for major plus SOC 131, 262, 332, and 342.
6. **Community/Demography:** Courses required for major plus SOC 261, 361, 362, and POS 335. (Independent Study, SOC 287, may be substituted for one of the previous courses if focused on a community, population, or urban theme).

NOTE: For further information see the Sociology Program academic advisor.

MAJOR IN SOCIOLOGY

Admission to the Sociology Major may be effected and restricted by the lack of available Department resources in times of oversubscription.

- 36 hours in Sociology and 6 hours in Anthropology required.
- Required courses: SOC 106, 206, 270, 271, 275, 300, and electives to complete 36 hours; at least 6 additional hours in Anthropology. No Anthropology course may be counted toward the 36 hours of Sociology courses required for the major.

MINOR IN SOCIOLOGY

- 18 hours in Sociology required.
- Required course: SOC 106. No Anthropology course may be counted toward the 18 hours in Sociology required for the minor.

MINOR IN SOCIOLOGY**For Teacher Education:**

- 24 hours required.
- Required courses: SOC 106. No Anthropology course may be counted for the 18 hours in Sociology required for the minor. Other suggested course work may include SOC 123, 262, 264, 211.
- 18 hours in Sociology required, and an additional 6 hours in Social Sciences.

MINOR IN GERONTOLOGY

Interdisciplinary Minor: For further information contact the Gerontology Coordinator, Department of Sociology - Anthropology.

- 21 hours required.
- Required courses (9 hrs): SOC 211; PSY 303 or 304; FCS/HSC 394.
- Electives (12 hrs) approved by the Gerontology Committee. Students without direct work or extensive volunteer experience with older persons will be advised to register for approved Professional Practice (SOC 398.01, 3-6 hrs) as a part of the elective requirement. Other electives include but are not limited to: SOC 210, 212, 311; COM 331; FCS 305.

Anthropology Programs (ANT) 464

Degrees Offered: B.A., B.S.

MAJOR IN ANTHROPOLOGY

- Minimum of 36 hours in Anthropology required.
- Required courses (21 hrs): ANT 100, 274, 277, 281, 286, 380, 382.
- Electives (15 hrs):
Four courses to be chosen from each of the 4 subfields of Anthropology (i.e., at least 1 course each of the 4 following groups):

Biological Anthropology: ANT 288, 290, 306, 383, 387.

Archaeology: ANT 181, 283, 301, 306, 381, 383, 386, 388.

Cultural Anthropology: ANT 272, 273, 279, 285, 294, 295, 289.03, 306, 383.

Linguistic Anthropology: ANT 143, 294, 306, 383.

(One 3-hr elective to be chosen from any other Anthropology offering at the 300-level.)

- **NOTE:** Students will be advised in individual consultation to take a number of supporting courses in cognate disciplines. The program in cognates may emphasize either the social sciences or the natural sciences, reflecting the student's primary interest in biological anthropology, cultural anthropology, archaeology, or linguistics. Cognate course may count toward the required 4 subfield electives with consent of the program coordinator or the student's anthropo-

gy advisor. All anthropology majors are strongly encouraged to take ANT 275 as part of their undergraduate curriculum. No Sociology courses may be counted toward the 36 hours in Anthropology required for the major. One of the following Anthropology offerings for General Education may count toward both the major and the General Education requirements: ANT 101, 175, 185, 272, or 289.07.

MINOR IN ANTHROPOLOGY

- 18 hours in Anthropology required.
- Required course: ANT 100.
- **NOTE:** Additional Anthropology electives will be recommended on an individual basis. No Sociology course may be counted toward the 18 hours in Anthropology required for the minor.

MINOR IN ANTHROPOLOGY**For Teacher Education:**

- Requirements are the same as Minor in Anthropology.

Sociology Courses (SOC)**106 INTRODUCTION TO SOCIOLOGY 3**

Structure and dynamics of human society. Concepts of culture, socialization, stratification, collective behavior, family, minority relations, population, crime.

108 CONTEMPORARY SOCIAL PROBLEMS IN GLOBAL PERSPECTIVE MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Not for cr if had SOC 107.

Examination of social problems dealing with gender, ethnicity, stratification, and global competition utilizing interdisciplinary, sociological, and global perspectives.

111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE MC-UST 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS 111.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as FCS/HIS 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

123 HUMAN SEXUALITY 3
SOC 106 or PSY 111 or 110 rec. Not for cr if had PSY 123.

Basic psychological, socio-cultural, and physiological elements of human sexuality.

- 131 SOCIAL PSYCHOLOGY** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as PSY 131.

Scientific study of way individuals think, feel, and behave in a group setting; research methods, attitudes, social cognition, and interpersonal relations.

- 175 LIVING IN A TECHNOLOGICAL WORLD** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. Also offered as IT 175. May not be taken under the CT/NC option.

Interdisciplinary course that analyzes social change through the lens of technology.

- 206 SOCIOLOGICAL INQUIRY** 3 F,S
SOC maj only. C or better in SOC 106 req.
 In-depth introduction to sociological thought and inquiry.

- 210 SOCIOLOGY OF HEALTH AND MEDICINE** 3
SOC 106 rec; 45 hrs or cons inst req.
 Analysis of social roles related to disease and illness; social aspects of distribution of disease; societal response in health professions and the organization of medicine.

- 211 SOCIAL GERONTOLOGY** 3
SOC 106 or PSY 111 rec; 45 hrs or cons inst req.
 Process and consequences of aging; interplay between social and social-psychological forces and the aged population in society.

- 212 SOCIOLOGY OF DEATH** 3
SOC 106 or PSY 111 rec; 45 hrs or cons inst req.
 Complexities of death-related behavior in modern societies; sociological and social-psychological viewpoints; theoretical and pragmatic implications.

- 240 PEOPLE IN PLACES: UNDERSTANDING AND DEVELOPING COMMUNITY** OC-KD/SS 3 F,S
Inner Core req. MC-IS category req.

Analysis of how external forces affect communities and their residents; understanding how people create community; rural-urban differences.

- 255 SOCIOLOGY OF WORK AND OCCUPATIONS** 3
SOC 106 req; 45 hrs or cons inst req.
 Sociological principles applied to the social institution of work.

- 260 SOCIAL STRATIFICATION** 3 F
SOC 106 rec; 45 hrs or cons inst req.
 Theories and character of social class systems, differential class behavior, mobility, power relationships, and caste and estate systems.

- 261 THE COMMUNITY** 3
SOC 106 rec; 45 hrs or cons inst req.
 Structure and function of the community. Changes in community; power, leadership, community organization.

- 262 MARRIAGE AND THE FAMILY** 3
SOC 106 rec; 45 hrs or cons inst req.
 Sociological and social psychological examination of the patterned and dynamic aspects of marital and family relationships.

- 263 DEVIANT BEHAVIOR** 3
SOC 106 rec; 45 hrs or cons inst req.
 Causes, societal response and control of deviant behavior. Definition of deviant acts, stigmatization, and the process of reabsorbing deviants.

- 264 MINORITY RELATIONS** 3
SOC 106 rec; 45 hrs or cons inst req.
 Racial, national, religious minorities, and women. Patterns of discrimination and prejudice, and change in intergroup relations.

- 268 SOCIOLOGY OF RELIGION** 3
SOC 106 rec; 45 hrs or cons inst req.
 Functions and origins of religion; impact of religion on individual, society, and culture: social forces affecting religion.

- 270 HISTORY OF SOCIOLOGICAL THOUGHT** 3
C or better in SOC 106 and 206 req. Maj only or cons dept advisor req.
 Analysis and appraisal of classical works in sociology from mid-19th century to the present.

- 271 INTRODUCTION TO SOCIOLOGICAL RESEARCH** 3
C or better in SOC 106 and 206 req. Maj only or cons dept advisor req.
 Convergence of theory and research; design of inquiry, measurement, survey design, data collection, analysis, and interpretation. Research projects are part of the course.

- 275 SOCIAL STATISTICS** 3
C or better in SOC 106 and 206 req. Anthropology, Nursing, Social Work, or Sociology maj req. Not for cr if had PSY 240.
 Application and interpretation of basic descriptive and inferential statistics used in behavioral research. Non-parametric and parametric statistics are considered.

- 300 SENIOR EXPERIENCE IN SOCIOLOGY** 3
Maj only and sr standing req. C or better in SOC 106, 206, 270, 271, and 275 req. Conc reg allowed for either SOC 270 or 275. Formerly SENIOR SEMINAR.
 Capstone experience in research and writing on a sociological topic which varies with the specialization of the instructor.

- 300.01 SOCIAL SCIENCE SEMINAR** 3
SSC maj req. ECO 131 or GEO 204 or HIS 200 or 296 or POS 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ECO/GEO/HIS/POS 300.01.

An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

- 311 ISSUES IN GERONTOLOGY** 3
SOC 211 or cons inst req; 75 hrs or cons inst req.
 Advanced treatment of selected subjects in gerontology.

317 SOCIOLOGY OF SPORT 3

75 hrs or cons inst req. Also offered as HPR 317.

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups, and collective behavior.

332 SMALL GROUPS 3

SOC 131 or PSY 131 rec; 75 hrs or cons inst req.

Conditions affecting interaction in small groups; the small group as an ongoing social system. Limited research project.

341 THE SOCIOLOGY OF GENDER 3

SOC 106 or PSY 111 rec; 75 hrs or cons inst req.

Explores the concepts, theories, and methods sociologists utilize to explain differences in the social relations between and among women and men. Individual, interactional, institutional and social change processes are examined.

342 ADVANCED HUMAN SEXUALITY 3

PSY 123 or SOC 123 req; 75 hrs or cons inst req.

Personal, interpersonal, and sociocultural aspects of sexual relationships.

350 SOCIOLOGY OF EDUCATION 3

SOC 106 rec; 75 hrs or cons inst req.

Sociological perspective on educational systems. Relationship of the educational system to other institutions, organizational characteristics and social factors influencing behavior of students.

352 THE SOCIOLOGY OF COMPLEX ORGANIZATIONS 3

SOC 106 req; 75 hrs or cons inst req.

Internal and external dimensions of complex organizations that help explain adaptation to the environment.

355 INDUSTRY AND SOCIETY 3

SOC 255 req; 75 hrs or cons inst req.

Sociological theories are used to understand how technological advancement influences social forces, and produces unique cultural patterns in modern industrial societies.

361 URBAN SOCIOLOGY 3

SOC 261 or 267 or equiv or cons inst req; 75 hrs or cons inst req.

Urban structure and dynamics studied from a macro perspective, stressing interaction of population, organization, environment, and technology.

362 POPULATION 3 F,S

SOC 106 rec; 75 hrs or cons inst req. Formerly SOC 267.

Dynamics of population size and change, including fertility, mortality, migration, composition, spatial distribution, family, and relation to resources in the United States and the world; application and policy implications.

365 JUVENILE DELINQUENCY 3

75 hrs or cons inst req.

Delinquency as a social and legal problem; theories of delinquency, the juvenile court; prevention and treatment.

366 CONTEMPORARY SOCIAL MOVEMENTS 3

SOC 106 rec; 75 hrs or cons inst req.

Patterns of collective behavior; structure and functions of social movements. Examination of several social movements, analysis of morale, leadership and control.

367 CRIMINOLOGY 3

75 hrs or cons inst req.

Criminological theory and practice. Crime as a social and legal problem. The administration of justice.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOP IN APPLIED SOCIOLOGY 1-6 F,S

SOC 271 or equiv rec; 75 hrs or cons inst req. Max 6 hrs toward SOC maj; max 16 hrs toward graduation.

Independent experience in applying sociology in a supervised community work setting. Academic requirements include final paper for internship coordinator based on integrative research experience.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOP IN SOCIOLOGICAL RESEARCH 3 F,S

SOC 271 and 275 or conc reg req; 75 hrs or cons inst req. May be repeated once.

Practical experience in the design, implementation, analysis, and reporting of social science research through surveys, secondary data analysis, demographic analysis and program evaluation in a research project, usually in cooperation with a community agency.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP IN SOCIAL SCIENCE COMPUTER LABORATORY 1-6 F,S

SOC 271 or 275 or conc reg req; 75 hrs or cons inst req. Max 16 hrs of all 398 towards graduation.

Practical experience and training for work in the social science laboratory. Assist and tutor students enrolled in social science courses with assignments. Special projects as assigned.

Anthropology Courses (ANT)

100 GENERAL ANTHROPOLOGY 3 F,S

ANT maj/min or cons inst req.

An introduction to the principal subfields of anthropology. Surveys major concepts, methods, discoveries, and their practical applications.

101 HUMAN ORIGINS OC-KD/SS 3 F,S

Inner Core req.

Overview of the origin and evolution of the human species from the natural scientific, social scientific, and selected religious perspectives.

143 UNITY AND DIVERSITY IN LANGUAGE OC-KD/SS 3 F,S

Inner Core req. Also offered as ENG/FOR 143.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

175 CROSS-CULTURAL PERSPECTIVES ON CONTEMPORARY HUMAN PROBLEMS MC-IS 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Overview of various contemporary human and global problems from a cross-cultural and anthropological perspective.

181 WORLD PREHISTORY 3 F,S

Survey of prehistoric human cultures from their origins to the beginning of the historic period.

185 CULTURES OF THE WORLD OC-DKCC/SS 3 F,S

Inner Core req. Not for cr ANT maj. Formerly ANT 184.

A surveys of many of the world's societies and traditions, examined from an anthropological perspective.

270 CROSS-CULTURAL PERSPECTIVES ON WOMEN, SEX ROLES AND GENDER 3 F,S

ANT 100, 101, 143, 175, 185, WS 120, or SOC 106 req.

An examination of the position of women, their inter-relationship with men, the assignment of male and female roles, and the conceptualization of gender ideology in various societies and cultures.

272 NORTH AMERICAN INDIANS 3 S

45 hrs or cons inst req.

Comparative survey of selected historic and modern Native American cultures.

273 FOODWAYS 3

45 hrs or cons inst req.

Comparative study of food habits with emphasis on origins and cultural significance.

274 PRINCIPLES OF ARCHAEOLOGY 3 S

ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.

Principles, methods, and techniques of locating and excavating archaeological sites, interpreting archaeological data, and reconstructing past behavior.

277 LANGUAGE AND CULTURE 3

ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.

Examination of the social and cultural functions of language, applying anthropological linguistic models to the study of past and present cultures.

279 MAGIC, WITCHCRAFT, AND RELIGION 3

ANT 100, 101, 143, 175, 185, HIS 270, PHI 120, 220, SOC 268, or SOC 106 req.

Overview of anthropological approaches to the cross-cultural study of religion and the supernatural.

281 PRINCIPLES OF ETHNOLOGY 3 S

ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.

The major aspects of sociocultural systems such as marriage, domestic organization, age grades, secret societies, and religion studied from a cross-cultural perspective using a variety of theoretical frameworks.

283 NORTH AMERICAN ARCHAEOLOGY 3

45 hrs or cons inst req.

Prehistoric cultures of North America, from late Pleistocene to the occupation of the continent by Europeans. Origin and development of cultural patterns traced; current problems examined.

285 ETHNOGRAPHY 3 F

45 hrs or cons inst req.

Study of the techniques used to describe cultural practices and beliefs.

286 PALEOANTHROPOLOGY 3 F

ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req. Formerly HUMAN EVOLUTION.

Detailed survey of the principal fossil discoveries, controversies, and proposed models of human biological evolution.

288 HUMAN VARIATION AND ADAPTATION 3 S

45 hrs or cons inst req. Offered odd-numbered years. Alternates with ANT 290.

Study of human population variation in terms of biological and cultural adaptations to different environments.

290 PRIMATE STUDIES 3 S

45 hrs or cons inst req. Offered even-numbered years. Alternates with ANT 288.

Concentrated examination of various aspects of the primates: their biology, behavior, evolution, and significance for understanding human nature.

294 JAPANESE SOCIETY AND CULTURE 3

45 hrs or cons inst req.

Examination of modern Japanese culture, social structure, and institutions from an anthropological perspective.

295 PEOPLES AND CULTURES OF SUBSAHARAN AFRICA 3 S

ANT 100, 101, 143, 175, 185, or HIS 128 req.

An ethnographic survey of African peoples and cultures south of the Sahara, focusing on the indigenous African context.

297 FANTASTIC ARCHAEOLOGY 3

ANT 100 req. ANT 274 rec.

Survey of the pseudo-scientific theories of the archaeological past.

301 ARCHAEOLOGICAL ANALYSIS 3 S

ANT 100 req; and ANT 274 rec.

An advanced course that uses a combination of lectures and laboratory sessions to explore the methods used in the analysis of archaeological materials.

306 REGIONAL AND AREA STUDIES 1-9

75 hrs or cons inst req.

Intensive on-site study of particular lands, environments, cultures, and peoples.

374 INTRODUCTION TO MUSEUM STUDIES 3 F

Jr standing and 75 hrs or cons inst req.

Examination of the history, organization, and administration of museums as well as the methods of acquisition, preservation and exhibition of artifacts.

380 KEY CONCEPTS IN ANTHROPOLOGY 3 F

ANT 274, 277, 281, 286, and 75 hrs or cons inst req.

Anthropological thought from historical, systematic and applied viewpoint; emphasis on changing content, concepts, methods of the discipline.

381 ARCHAEOLOGICAL FIELD SCHOOL 1-9 Summer

ANT 274 rec; 75 hrs or cons inst req. Materials charge optional.

Field instruction in methods and techniques of archaeological survey, excavation, preparation and preservation of materials, and record keeping.

382 SENIOR THESIS IN ANTHROPOLOGY 3 S
ANT 380 req.

Intensive experience in research and writing on an individually selected topic.

383 STUDIES IN SELECTED CULTURES 3
ANT 100 and 75 hrs or cons inst req.

Culture patterns of selected areas. Physical characteristics, history, social, political, intellectual life, cultural change of aboriginal people.

386 METHOD AND THEORY IN ARCHAEOLOGY 3
ANT 274 req.

Archaeological method and theory from 1800 to the present, emphasizing American archaeology.

387 ADVANCED TOPICS IN PHYSICAL ANTHROPOLOGY 3
24 hrs in ANT including 286, 288, and 290 or cons inst req. May be repeated if content different.

Intensive examination and analysis of current research questions and controversies in paleoanthropology, primatology, and human adaptation studies.

388 HISTORICAL ARCHAEOLOGY 3
ANT 274 and 75 hrs or cons inst req.

Research methods of historical archaeology reviewed, and the principles that underlie the methods examined critically.

398 PROFESSIONAL PRACTICE: INTERNSHIP/CO-OP IN ANTHROPOLOGY 3-6 F,S,Summer
21 hrs in ANT; jr/sr standing; 2.5 maj GPA; cons ANT Prof Pract Coord or faculty advisor; 75 hrs or cons inst req. Max 6 hrs toward ANT Maj; max 16 hrs toward graduation.

Supervised field experience in a professional capacity in any Anthropology subdiscipline with appropriate campus, community, state, national, or international agencies, museums, institutes, organizations, or businesses.

SPEECH PATHOLOGY AND AUDIOLOGY (PAS) 472

204 Fairchild Hall, (309) 438-8643

Chairperson: Al Bowman.

Tenured/Tenure-track Faculty:

Professor: Hult.

Associate Professors: Beck, A. Bowman, Brunt, Howard, Hufnagle, Moore, Smoski.

Assistant Professors: Harbers, Ng.

General Department Information

MINOR IN COGNITIVE SCIENCE

The Department of Speech Pathology and Audiology participates in the degree program for the Minor in Cognitive Science. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under Interdisciplinary Studies in this *Undergraduate Catalog*.

HONORS IN SPEECH PATHOLOGY AND AUDIOLOGY

Honors work in communicative disorders and speech and hearing science is available to qualified students. For additional information, contact the Department advisor.

Speech Pathology and Audiology Programs

Degree Offered: B.S.

MAJOR IN SPEECH PATHOLOGY AND AUDIOLOGY

Teacher Certification Sequence:

- 49 hours in Speech Pathology-Audiology required.
- Required courses: PAS 112 (or 115 if completed prior to declaring a major in Speech Pathology and Audiology), 211, 272, 301, 315, 316, 318, 319, 320, 321, 322, 330, 331, 349, 350, 351.
- Professional Education requirements: SED 145; C&I 220 or SED 362 or 370 or 374; C&I 210; EAF 228 or 231 or 235; PSY 111, 334, 346.

This is a Teacher Education, preprofessional program designed to prepare students for graduate work in communicative disorders. A master's degree in this field is needed to obtain both the Illinois Certificate in Speech and Language Impaired and the American Speech-Language-Hearing Association's clinical certificate. Copies of requirements for both of these are available in the Department office. All supervised Clinical Experiences are obtained at the graduate level.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Speech Pathology Sequence:

- 49 hours in Speech Pathology-Audiology required.
- Required courses: PAS 112 (or 115 if completed prior to declaring a major in Speech Pathology and Audiology), 211, 272, 301, 315, 316, 318, 319, 320, 321, 322, 330, 331, 349, 350, 351.

- Consult Department advisor and Department Advisement Manual for selection of appropriate electives that meet the Illinois license and national certification requirements.

This is a *non-teaching*, preprofessional program designed to prepare students for graduate work in speech-language pathology. This sequence does not qualify students for a teaching certificate. All supervised Clinical Experiences are obtained at the graduate level.

Audiology Sequence:

- 40 hours required. **NOTE:** Because of prerequisites or lack of prior skill, this major may require more hours than indicated.
- Required courses: Speech Pathology and Audiology 112 (or 115 if completed prior to declaring a major in PAS) 211, 272, 301, 315, 318, 320, 321, 330, 331, 349, 350, 351.
- Consult Department advisor and Department Advisement Manual for selection of appropriate electives that meet national certification requirements.

This is a *non-teaching*, preprofessional program designed to prepare students for graduate study in Audiology. This sequence does not qualify the student for a teaching certificate. Upon completion of the master's degree, the student will have completed the academic and clinical requirements for the American Speech-Language-Hearing Association's Certificate of Clinical Competence in Audiology. All supervised Clinical Experiences are obtained at the graduate level.

MINOR IN SPEECH PATHOLOGY AND AUDIOLOGY

- 21 hours required.
- Required courses: PAS 211, 315, 320, 350. Electives cannot include practicum courses.
- **NOTE:** Students taking this minor will not qualify in this area for Illinois or American Speech-Language-Hearing Association certification.

Assessment:

Majors in Speech Pathology and Audiology are expected to participate in the assessment process as one of the requirements for an undergraduate degree in this Department.

Speech Pathology and Audiology Courses

112 SURVEY OF SPEECH AND HEARING DISORDERS 3 F,S

Incl Clin Exp: 8 hrs, Type 1.

Introduction to speech, language and hearing disorders. Appropriate for persons interested in the prevention and basic remediation of communication disorders.

115 HUMAN VERBAL DEVELOPMENT 3 F,S

May substitute for PAS 112 as a req for the maj if taken before the maj is declared. Incl Clin Exp. Formerly INTRODUCTION TO HUMAN VERBAL DEVELOPMENT.

The study of human communication, including the anatomy and physiology of speech and hearing, with an emphasis on speech and language development in children and the role of caregivers in the acquisition process.

211 PHONETICS 3 F,S

Incl Clin Exp: 5 hrs, Type 1.

Sound system of American speech. Standard and non-standard variations. Articulatory and acoustic considerations. Practice in transcribing and reading phonetic symbols.

272 ANATOMY AND PHYSIOLOGY OF THE SPEECH AND HEARING MECHANISM 4 F,S

Lecture and lab.

Anatomic and physiologic foundation of the speech and hearing mechanism. Current physiologic theory applied to etiology of speech and hearing disorders.

301 SPEECH SCIENCE 3 F,S

PAS 272 req.

Elementary acoustical theory with application to the study of speech production and reception. Speech spectography.

310 NEUROBASIS OF SPEECH AND LANGUAGE 3 F,S

PAS 272 req.

Study of the anatomy and physiology of the central and peripheral nervous systems and their role in the production of speech and the normal comprehension and expression of language.

315 INTRODUCTION TO PHONOLOGICAL DISORDERS 3 F,S

PAS 211 req. Incl Clin Exp: 4 hrs, Type 1.

Phonological development, the articulatory process, co-articulation, characteristics and etiologies of phonological disorder.

316 INTRODUCTION TO ORGANIC DISORDERS OF SPEECH 3 S

PAS 301 req. Incl Clin Exp: 5 hrs, Type 1.

Speech disorders related to respiratory-laryngeal and articulatory-resonance systems. Diagnostic and remedial procedures.

318 ORGANIZATION OF SPEECH, HEARING AND LANGUAGE PROGRAMS 3 F,S

Sr standing req.

Professional attitudes, ethics, and organizations. Responsibilities in various professional settings. Program development and maintenance.

319 STUTTERING I 3 F,S

Sr standing req. Incl Clin Exp: 2 hrs, Type 1.

Theories of etiology; the nature of the disorder, profile of the person who stutters, and an introduction to intervention strategies.

320 SPEECH AND LANGUAGE DEVELOPMENT 3 F,S

PAS 211; 112 or 115, or cons inst req. Incl Clin Exp: 5 hrs, Type 1.

Comprehensive study of acquisition of speech and language by children. Emphasis on first 6 years.

321 LANGUAGE PATHOLOGY 3 F,S

PAS 320 req. Incl Clin Exp: 5 hrs, Type 1.

Introduction to the identification and remediation of language disorders in children and adolescents.

322 INTRODUCTION TO ORGANIC DISORDERS OF SPEECH II 3 F,S

PAS 272 req. Incl Clin Exp: 5 hrs, Type 1.

Speech and language disorders related to neurological pathologies. Diagnostic and remedial procedures.

330 INTRODUCTION TO CLINICAL METHODS 3 F,S*PAS 331; maj only. Incl Clin Exp: 15 hrs, Type 1.*

Introduction to clinical techniques and client management. Records, reports, behavioral observation and assessment, therapy procedures and some laboratory experience.

331 DIAGNOSTIC PROCEDURES IN SPEECH PATHOLOGY 3 F,S*PAS 315 and 321 req; maj only. Incl Clin Exp: 5 hrs, Type 1. Formerly PAS 446.*

Test materials and procedures for differential diagnosis of speech and language problems.

349 HEARING SCIENCE 3 F,S

Introduction to concepts, theories, and terminology required for an understanding of auditory processing in the normal-hearing individual.

350 INTRODUCTION TO AUDIOLOGY 3 F,S*PAS 349 req. Incl Clin Exp: 4 hrs, Type 1.*

Principles of hearing measurement: sound, human ear, test methods, hearing losses, screening methods, test interpretation.

351 INTRODUCTION TO AURAL REHABILITATION TRAINING 3 F,S*PAS 350 req. Incl Clin Exp: 4 hrs, Type 1.*

Principles of habilitation/rehabilitation of communication disorders related to hearing impairment. Visual/auditory speech signals. Amplification: function/use.

360 AUGMENTATIVE COMMUNICATION FOR NON-SPEAKING PERSONS 3 S*PAS 316 and 322 req. Incl Clin Exp: 5 hrs, Type 1.*

Introduction to assessment, intervention strategies, technology and empirical research relative to non-speaking individuals.





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COLLEGE OF BUSINESS

Dean: Dixie L. Mills, 316 Williams Hall.

College of Business Objectives:

The College of Business provides a student-centered environment to develop the business skills and appreciation for continuous learning necessary to succeed in a dynamic global economy. Our high quality programs develop knowledgeable, ethical, and technologically competent business professionals. We strive to do this to further the University mission of providing a premier educational experience to undergraduates and to students in select graduate programs.

The College offers programs leading to the bachelor's degree with majors in Accounting, Business Administration, Business Teacher Education, Finance, Insurance, International Business, Management, and Marketing. Minor programs are also available. All eligible programs in the College of Business are accredited by the AACSB—the International Association for Management Education.

The College also offers graduate programs leading to the Master of Business Administration, Master of Science in Accounting and Master of Professional Accountancy. Detailed information concerning these programs may be found in the Graduate Catalog.

Departments in the College of Business are: Accounting; Finance, Insurance and Law; Management and Quantitative Methods; and Marketing.

Admission Requirements:

Students will be admitted into majors in the College of Business from the pool of qualified applicants for that major on the basis of individual qualifications. The number of students admitted into specific programs and the criteria required for admission may vary from year to year depending on program capacity and qualifications of students in the pool. The College of Business reserves the right to maintain a balanced enrollment.

- A. Freshmen must meet the University admission requirements for this Undergraduate Catalog. It is recommended that students have 2 years of the same foreign language.
- B. Transfer students must meet the University and College's admission requirements for transfer students. Students transferring in 60 or more hours into ISU who wish to major in a business major must a) have a 2.25 GPA and b) must have taken the equivalent of ACC 131 and earned a grade of "C" or better and c) must have earned a "C" or better in the equivalent of MAT 119 and MAT 120 or a grade of "C" or better in the equivalent of MAT 121.
- C. Students transferring from other majors within the University with less than 60 credits may choose a College of Business major of their choice if their GPA at Illinois State is 2.0 or higher. Students transferring in 60 or more hours to a business major from another

Illinois State University program must a) have a 2.25 GPA and b) must have taken the equivalent of ACC 131 and earned a grade of "C" or better and c) must have earned a "C" or better in the equivalent of MAT 119 and MAT 120 or a grade of "C" or better in the equivalent of MAT 121.

- D. Students are limited to 24 credit hours of Business courses unless they are a College of Business major and they have satisfied the 4 continuance requirements listed below:

(1) Complete, with a grade of C or better, the following non-business tool courses: ENG 101; ECO 105; MAT 121. (NOTE: BTE majors take MQM 140 in the place of MAT 121)

(2) Show competency in the usage of spreadsheets (MS Office Excel), presentation software, and web page construction by coursework (ACC 167 and ACC 168; or equivalent) or by passing a College-administered competency exam.

(3) Complete, with a grade of C or better, the four 100-level business tool courses listed below. No more than two course repeats are allowed among these four courses: BUS 100, ACC 131, 132; MQM 100 or ECO/GEO/POS/PSY 138.

(4) Earn an overall Illinois State University GPA of 2.25 or higher.

NOTE: Business majors who have not yet completed requirements 1-4 above may, within their first 24 business hours, take up to 2 courses from each academic department in the College of Business in addition to the 100-level business tool courses.

- Accounting majors also must complete ACC 230 and 231 with a minimum of a C in each and a 2.5 GPA in these 2 courses. Prerequisites for ACC 230 and 231 require a minimum 2.5 GPA in ACC 131 and 132.
- Business Teacher Education majors should note that they must be admitted to the Teacher Education program which requires a 2.5 GPA to complete the major.
- Students must have a 2.0 GPA or higher at Illinois State in order to graduate with a Business degree.

Academic Requirements:

The academic requirements of the University apply to all of the programs in the College of Business. In addition, the following special academic requirements apply to all students in the College of Business:

1. Students must complete at least 60 hours of the total 120 hours required for graduation in studies other than business. Up to nine hours of economics and up to six hours of statistics courses may be counted as non-business courses.
2. Students majoring in business must complete their senior year (30 credits) in residence at Illinois State University. Under unusual circumstances, the Dean of the College of Business may grant a modification of this requirement.

- Students must take courses and their current prerequisites in the required sequence.
- Students may, during the preregistration period only, enroll in a 200-level course in the College of Business with less than 60 hours if 60 hours will be completed when the course begins. A 300-level course requires a minimum of 60 hours earned toward the baccalaureate degree at the time of pre-enrollment.
- To remain in and receive credit for an upper division course a student must have earned at the time the course begins a minimum of 60 hours of credit for a 200-level course and a minimum of 75 hours of credit for a 300-level course.
- Students who go on probation a second or subsequent time will be dropped from the College of Business.
- Students-at-large and unclassified students must apply for permission from the College of Business to register for business courses. Such students will be required to furnish official transcripts to show that prerequisite requirements have been fulfilled. Some courses in the College have restricted and/or limited enrollments and thus may not be open to students-at-large.
- A student may register officially for a given course in the College of Business only twice. That is, if a student completes a course or drops a course after the tenth day enrollment report, he or she may enroll officially in that course one additional time. A student who earns a grade (A, B, C, D, F, WX) in an Illinois State University course cannot transfer the equivalent course from another school.
- Required courses in the major with grades below C will not count toward the graduation requirements of College of Business majors. Such grades will be included in computing the cumulative GPA.

Transfer Policies:

In addition to the general requirements of the University and the College, the following policies apply to transfer students from other academic institutions seeking a Business degree:

- Credit for business and related courses from 2-year institutions may be transferred and applied to the Business core and to the major program but shall be limited to such courses that the College of Business offers at the 100-level(lower-division freshman and sophomore).
- Credit for business and related courses from baccalaureate degree granting institutions may be transferred and applied to the business core and to the major if the course for which the credit is being transferred is at the equivalent level of the comparable course at Illinois State and course content and prerequisites are determined to be equivalent.
- In cases where equivalency of courses is not clear, departments in the College of Business may require proficiency examinations before transfer credit is accepted.

Non-Business Majors:

Non-business majors are limited to no more than 24 credits of business course work. Students who desire to elect more

than 24 hours in business courses must register for additional courses in person only and with permission of the College of Business advisor or Department Chair.

Course Requirements for Business Programs:

The courses listed below (41-42 hours total) are a required part of the Business core and must be completed by all students majoring in Business programs.

Non-Business Courses (8 hours):

ECO 105 Principles of Economics 4 hours

MAT 121 Applied Calculus 4 hours*

**The Math course is required for business majors and fulfills the University's Science, Math, and Technology requirement for B.S. degree programs.

Statistical course requirement (3-4 hours):

MQM 100 Statistical Reasoning 3 hours** or

ECO/GEO/POS/PSY 138 4 hours

**This business course can count toward the student's General Education requirement for Middle Core-Quantitative Reasoning.

The Business Core Courses: (30 hours):

100-level Business Core classes:

BUS 100 Enterprise 2 hours

ACC 131 Financial Accounting 3 hours

ACC 132 Managerial Accounting 3 hours

200-level Business Core classes:***

ACC 270 Information Systems In Organizations 3 hours

FIL 208 Legal Environment of Business 3 hours

FIL 240 Business Finance 3 hours

MKT 230 Introduction to Marketing Management 3 hours

MQM 201 Business Communication 1 hour
(note: MQM201 must be taken concurrently with or after completing MQM220)

MQM 220 Business Organization and Management 3 hours

MQM 227 Operations Management 3 hours

***Each of the above 200-level Business Core classes has the following prerequisites: MQM 100 (or ECO/GEO/POS/PSY 138), ACC 131, ECO 105, MAT 120; and a co- or pre-requisite of ACC 132. FIL 240 and MQM 227 both require ACC 132 as a prerequisite, not a corequisite.

Capstone course:

MQM 385 Problems in Business 3 hours

Senior standing only; to be taken after the 200-level Business Core classes are satisfactorily completed.

Majors in Business Teacher Education take alternate courses to meet the requirements for MAT 121, MQM 201, MQM 227 and MQM 385 as specified under that program's requirements.

Structure of the Business Degree:

Most business majors (except Accounting, Business Teacher Education, International Business, Insurance-Business Information Systems sequence and Business Adminis-

tration-Business Information Systems sequence) will have a program of study with the following structure.

General Education/Elective component:

54 hours General Education requirements, Economics 105, and MAT 121 (B.S. degree science, math, and technology course requirement for Business majors)

6 hours University electives

College of Business coursework:

30 hours The Business Core courses, listed above

18 hours Major required/elective courses (see descriptions under each department)

12 hours Flexible core

The Flexible Core:

The general idea of the *flexible core* in our business curriculum is to require each student to gain knowledge in an area outside the primary major area of study. Having a secondary field, and the enhanced understanding of different perspectives that accompanies a broader educational experience, should help the student to build a basis both for initial career success and for lifelong learning. The specific requirement is that each student complete at least *twelve semester hours* of appropriate, broadening course work in the form of:

- A second major, in or outside the College of Business, or
- A minor, in or outside the College of Business, or
- An approved group of courses, which must be either
 - Standardized (from an approved list; see below) or
 - Self-directed

The approved groups of courses for each major allow no more than 6 credit hours from the student's primary area of study. The College has several standardized groups of courses for the flexible core that will be effective in serving students' needs. The self-directed flexible core option will arise in situations when a student exhibits unusual interests; these individuals need to seek specific departmental approval for their flexible core *before* beginning the attendant course work.

Flexible Core Standardized Groups:

Business Information Systems sequence (may be taken by Business Administration, Finance, Insurance, Management (all sequences), and Marketing majors)

ACC 261	Business Systems Analysis
ACC 266	COBOL
ACC 362	Advanced Business Systems Analysis
ACC 366	Advanced Business Data Processing

Advanced Financial Applications/CFA® Option (may be taken by Finance and Insurance majors)

ACC 231	Intermediate Accounting I
FIL 246	Financial Statement Analysis
FIL 343	Security Analysis and Portfolio Management

Either

ACC 261	Business Systems Analysis OR
ACC 232	Intermediate Accounting II

Financial Services Marketing Option (may be taken by Business Administration, Finance, Insurance, and Marketing majors)

MKT 234	Personal Selling and Relationship Marketing
MKT 339	Services Marketing Seminar in Marketing
FIL 353	Financial Planning

Either

FIL 242	Investments OR
FIL 343	Security Analysis and Portfolio Management OR
FIL 370	Educational Investment Fund

General Finance Option (may be taken by Business Administration, Insurance, Management (all sequences) and Marketing majors)

FIL 242	Investments
FIL 218	Financial Markets

Either

FIL 250	Introduction to Risk and Insurance OR
FIL 260	Real Estate Principles

AND ONE OF:

FIL 318	Management of Financial Institutions OR
FIL 343	Security Analysis and Portfolio Management OR
FIL 344	International Financial Management

General Insurance Option (may be taken by Business Administration, Finance, Management (all sequences) and Marketing majors)

FIL 250	Introduction to Risk and Insurance
FIL 350	Property Insurance
FIL 352	Liability Insurance

Either

FIL 351	Life and Health Insurance OR
FIL 353	Financial Planning

Human Resources Management Option (may be taken by Business Administration, Finance, Insurance, Management (all sequences except Human Resource Management), and Marketing majors)

- a. MQM 323 - Human Resource Management
- b. MQM 352 - Recruitment & Selection
- c. MQM 355 - Employee Appraisal & Career Development
- d. MQM 356 - Foundations of Human Resource Development OR
- MQM 357 - Program Design and Development in HRD

Organizational Leadership Option (may be taken by Business Administration, Finance, Insurance, Management (all sequences except Organizational Leadership), and Marketing majors)

- a. MQM 221 - Organizational Behavior & Administration PLUS 3 FROM
- b. MQM 380 - Teams & Team Development
- c. MQM 381 - Project Supervision: Developing Managerial Skills
- d. MQM 382 - Organizational Leadership
- e. MQM 383 - Organizational Change & Diversity
- f. MQM 384 - Managerial Planning and Decision Making

Quality and Operations Management Option--service focus (may be taken by Business Administration, Finance, Insurance, Management (all sequences except Quality and Operations Management), and Marketing majors)

- a. MQM 335 - Quality Management
- b. MQM 337 - Services Operations
- c. MQM 345 - Quality Standards & Implementation
- d. PLUS one of the following:
MKT 231 Buyer Behavior
MQM 221 Organizational Behavior and Administration
MQM 225 Introduction to Small Business
MQM 226 Small Business Entrepreneurship
MQM 340 Seminar in Management

Quality/Operations Management Option--manufacturing focus (may be taken by Business Administration, Finance, Insurance, Management (all sequences except Quality and Operations Management), and Marketing majors)

- a. MQM 333 - Production/Inventory Control Management
- b. MQM 335 - Quality Management
- c. MQM 345 - Quality Standards & Implementation
- d. PLUS one of the following:
ACC 230 Managerial Accounting
MKT 235 Marketing Channels
MKT 329 Purchasing Policies and Procedures
MQM 221 Organizational Behavior and Administration
MQM 225 Introduction to Small Business
MQM 340 Seminar in Management

Human Resource Management-International interest (may be taken by only Management majors in the Human Resource Management sequence)

- a. MQM 349 - Business in a Multicultural Environment
- b. MQM 350 - International Management.
- c. PLUS two of the following:
MQM 340 Seminar in Management
MQM 353 Strategic Human Resource Planning and Management
MQM 355 Employee Appraisal and Career Development
MQM 356 Foundations of Human Resource Development
MQM 357 Program Design and Development in Human Resource Development

Human Resource Management-Leadership interest (may be taken by only Management majors in the Human Resource Management sequence)

- a. MQM 383 - Organizational Change & Diversity
- b. MQM 384 - Managerial Planning & Decision Making OR
MQM 380 - Teams & Team Development
- c. PLUS two of the following:
MQM 340 Seminar in Management
MQM 353 Strategic Human Resource Planning and Management
MQM 355 Employee Appraisal and Career Development
MQM 356 Foundations of Human Resource Development
MQM 357 Program Design and Development in Human Resource Development

Human Resource Management-Small Business interest (may be taken by only Management majors in the Human Resource Management sequence)

- a. MQM 225 - Introduction to Small Business
- b. MQM 226 - Small Business Entrepreneurship
- c. PLUS two of the following:
MQM 340 Seminar in Management
MQM 353 Strategic Human Resource Planning and Management
MQM 355 Employee Appraisal and Career Development
MQM 356 Foundations of Human Resource Development
MQM 357 Program Design and Development in Human Resource Development

Human Resource Management-Economics/Labor interest (may be taken by only Management majors in the Human Resource Management sequence)

- a. ECO 225 - Labor Organizations & Labor Problems
- b. ECO 320 - Industrial Organization OR
ECO 326 - Economics of Human Resources OR
ECO 327 - Collective Bargaining & Industrial Relations
- c. PLUS two of the following:
MQM 340 Seminar in Management
MQM 353 Strategic Human Resource Planning and Management
MQM 355 Employee Appraisal and Career Development
MQM 356 Foundations of Human Resource Development
MQM 357 Program Design and Development in Human Resource Development

Courses:

BUS

100 Enterprise 2 F, S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken for cr if had BTE 100 or BEA 100. Lecture and lab.
Theory and practice of private enterprise. Including purposes, structures, functional areas and related institutions.

ACCOUNTING (ACC) 552

435 Stevenson Hall, (309) 438-7651

Chairperson: James E. Moon.

Tenured/Tenure-track Faculty:

Professors: C. Craig, T. Craig, T. Duffy, Moon, Patten, Razaki, Rexroad, Rozanski.

Associate Professors: Leinicke, McClure, McKean, Ostrosky, Sarathy, Sieg.

Assistant Professors: Adair, Ames, Crampton, W. Duffy, Lindberg, Love, Rajagopalan.

General Department Information

The mission of the Department of Accounting is to provide high quality educational programs to students preparing for professional careers in accounting and business information systems, to support research and other

scholarly activities consistent with these programs, and to establish mutually productive relationships with outside organizations through service activities. This mission includes providing service courses in the accounting and business information systems areas to students within the College, the University, and the Community.

The curriculum is designed to provide students with the common body of knowledge established by the accounting profession for those entering the profession.

Four sequences of study are offered: the Accounting Information Systems Sequence, Business Information Systems Sequence, Career Specialty Sequence, and the Financial Accounting Sequence. Each sequence is intended to provide its graduates with the necessary foundation for a successful career, including the ability to pass professional examinations.

Students should select a sequence based upon their interests and career goals. Department advisors and faculty members are available to counsel students as they make this decision.

All Accounting majors must complete at least 60 hours outside the College of Business and in subject areas other than business, economics, and administration as part of the 120 hours required for graduation.

Courses completed in the Department of Accounting at this University with grades below C will not count toward the graduation requirements of either the Accounting Major or Minor, but all grades of D, F, and WF in Accounting courses at this University will be included in computing the cumulative GPA.

Admission Requirements:

All majors in the Department of Accounting must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specific number of hours, to enroll in courses in the Department. Certain courses are restricted to Accounting majors only.

Admission to the Department of Accounting is on a competitive basis with preference given to students who have demonstrated an ability to complete successfully the degree requirements. Enrollments in the Department are managed to help assure a high quality educational experience for qualified Accounting majors.

The Department of Accounting reserves the right to maintain a balanced student enrollment.

Students considering Graduate School should make application to the Master of Science in Accounting Degree program early in their senior year. Students who previously have completed a baccalaureate degree outside of Accounting should consider making application directly into the Master of Science in Accounting program.

Accounting Programs

MAJOR IN ACCOUNTING

Degree Offered: B.S.

After completing the 100-level Business Core courses, the Accounting major must complete ACC 230 and 231 with a minimum of a C in each and a 2.5 GPA in these two courses. Prerequisites for ACC 230 and 231 require a minimum 2.5 GPA in ACC 131 and 132.

In addition, an Accounting major must complete requirements under one of the following sequences: Accounting Information Systems, Business Information Systems, Career Specialty, and Financial Accounting. Descriptions of each sequence follow.

Accounting Information Systems Sequence:

This sequence is designed to provide entry-level accountants with information systems and technology skills and competencies as recommended by the International Federation of Accountants (IFAC). This sequence would prepare accountants to be a user of information technology and an evaluator of information systems (e.g., internal or external auditor).

- Students selecting the Accounting Information Systems (AIS) Sequence must complete the following 71 required hours: BUS 100, ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 363, 370; ECO 105; FIL 208, 240; MAT 121 or 145; MKT 230; MQM 100, 201, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 120 minimum hours required for graduation, 60 must be taken in nonbusiness courses; up to nine hours of economics and up to six hours of statistics courses (including MQM 100) may be counted as non-business courses.

Business Information Systems Accounting Sequence:

This sequence is designed to prepare students for entry level accounting positions requiring significant training in Business Information Systems. This preparation is particularly valuable in accounting consulting positions, certain auditing positions, and in many progressive industrial positions.

- Students selecting the Business Information Systems Accounting Sequence must complete the following 71 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 261, 263, 270, (266 and 366) or (260 and 368), 362; ECO 105; FIL 208, 240; MAT 121 or 145; MKT 230; MQM 100, 201, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 120 minimum hours required for graduation, 60 must be taken in nonbusiness courses; up to nine hours of economics and up to six hours of statistics courses (including MQM 100) may be counted as non-business courses.

Career Specialty Sequence:

This sequence allows Accounting majors to design a plan of study that meets their career goals. Students may elect up to 12 hours in another specialized area with advice and approval of academic advisors and Department Chair.

- Students selecting the Career Specialty Sequence must complete the following 59 required hours: BUS 100, ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; FIL 208, 240; MAT 121 or 145; MKT 230; MQM 100, 201, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 12 hours of career electives, most hours should consist of upper-division courses in a specialized area of study, typically in business, economics, or areas of information technology offered by Accounting (or, if not offered by Accounting, by other departments). A student's plan of specialized study for the Career Specialty Sequence must be:
 - a) developed in the semester following successful completion of ACC 230 and ACC 231;
 - b) must be approved by the Department Chair;
 - c) cannot include more than 6 hours of Accounting electives; and
 - d) will not include courses already completed before approval of the plan of study.
- Of the 120 minimum hours required for graduation, 60 must be taken in nonbusiness courses; up to nine hours of economics and up to six hours of statistics courses (including MQM 100) may be counted as non-business courses.

Financial Accounting Sequence:

This sequence is designed to meet the minimum formal accounting-content requirements for a student to sit for the Certified Public Accountant (CPA) examination. Students in this sequence may also prepare to sit for the Certified Management Accountant (CMA) examination and/or the Certified Internal Auditor (CIA) examination.

- Students selecting the Financial Accounting Sequence must complete the following 68 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; FIL 208, 240, 375; MAT 121 or 145; MKT 230; MQM 100, 201, 220, 227, 385; and six hours from the following list of upper-division (200- or 300-level) Accounting electives: ACC 298, 330, 332, 334, 336, 337, 340, 363, 375, 398.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 120 minimum hours required for graduation, 60 must be taken in nonbusiness courses; up to nine hours of economics and up to six hours of statistics courses (including MQM 100) may be counted as non-business courses.

Integrated Bachelor of Science (B.S.) Master of Professional Accountancy (M.P.A.):

Degrees offered: B.S., M.P.A.

The Integrated B.S./M.P.A. Degrees program is primarily oriented toward preparation for careers in professional

accountancy. This program is designed to meet the formal requirements for a student to sit for the Certified Public Accountant (CPA) examination. The B.S./M.P.A. program is strongly recommended for students interested in a plan of study designed to integrate accounting, technology, information systems, and eligibility for the CPA examination. The 150-hour B.S./M.P.A. program generally includes 30 hours of graduate course work. Successful completion of the integrated program will culminate by granting simultaneously both B.S. and M.P.A. degrees. The B.S./M.P.A. integrated program is designed for students wishing to complete both degrees at Illinois State University. The program is not designed to admit students who have already completed a bachelor's degree.

Students must successfully apply for continuance in the B.S./M.P.A. program in their junior year (after 60 semester hours). Graduate admission would take place after the student has completed approximately 90 hours. Admission timing is very important to successfully complete this program so students should regularly consult with their Accounting undergraduate or graduate advisor.

Students selecting the Integrated B.S./M.P.A. Degrees program must complete BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 368, 430, 468, 472, 482, 497; ECO 105; FIL 208, 240, 375; MAT 121 or 145; MKT 230; MQM 100, 201, 220, 227, 385

Also required are 9 hours of Accounting electives, 6 hours chosen from ACC 431, 434, 435, 439, or 498, and 3 additional hours chosen from ACC 330, 332, 334, 336, 337, 340, 431, 434, 435, 439, or 498; in addition students would select 6 additional hours of Accounting or business electives.

NOTE: Students who wish to enhance their chances of success on the CPA examination should include in their plan of study the following advanced accounting courses: ACC 330, 334, 336, 337.

Future Requirement for CPA Exam:

Beginning in 2001, academic requirements to sit for the CPA examination in Illinois include (1) 150 semester hours of college course work and (2) a bachelor's degree in Accounting (or equivalent). Illinois law does not specify the content of course work beyond the Accounting baccalaureate degree, which Illinois State presently offers as a 120-hour B.S. program.

Students planning to sit for the CPA examination after 2000 are advised to complete, at a minimum, the Financial Accounting Sequence of the Accounting B.S. program. Students should also give serious consideration to completing one or more of the following formal programs of study before leaving the Illinois State campus to begin their professional careers: The Bachelor of Science/Master of Professional Accountancy Program described above, a Master of Science degree in Accounting, a Master of Business Administration degree, or one of the other sequences of the Accounting B.S. (the Accounting Information Systems Sequence, the Business Information Systems Sequence, or the Career Specialty Sequence). Each sequence is 12 hours beyond the Financial

Accounting Sequence. Additional information concerning the 150-hour requirement, including recommended areas of course work for students not pursuing an B.S./M.P.A., M.S. or M.B.A. degree, is available from the academic advisors.

MINOR IN ACCOUNTING

- 21 hours in Accounting required.
- Required courses: ACC 131, 132, 231, 232.
- 9 elective hours in Accounting courses approved by a departmental advisor.
- These courses must be completed with a grade of C or better. A 2.5 grade point average is required in ACC 131 and ACC 132 to continue with the Accounting minor.

Repetition of Courses in Accounting:

A student can register officially for an Accounting course only twice. That is, if a student completes a course, or drops a course after the official tenth day enrollment report, he or she may enroll officially in the same Accounting course only one additional time.

Accounting Courses

131 FINANCIAL ACCOUNTING 3 F,S

Formerly ELEMENTARY ACCOUNTING I.

Introduction to financial accounting. Examines the nature of accounting, basic accounting concepts, financial statements, accrual basis of accounting, the accounting cycle, monetary assets, inventories, fixed assets, current and noncurrent liabilities, and owner's equity.

132 MANAGERIAL ACCOUNTING 3 F,S

ACC 131 req. Formerly ELEMENTARY ACCOUNTING II.

Introduction to managerial accounting. Examines the nature of cost-volume-profit analysis and product costing; investigates budgets and standard costs in planning, control and performance measurements; and employs relevant costs and present value techniques in decision making.

166 BUSINESS INFORMATION SYSTEMS 3 F,S

Business maj or Health Information Management maj. Materials charge optional.

Introduction to Business Information Systems concepts and microcomputer software tools designed to improve management productivity.

167 ELECTRONIC SPREADSHEET USAGE 1 F,S

Does not count towards graduation for BUS maj. Lecture and lab.

Introduces the electronic spreadsheet for use as a tool to improve management productivity.

168 INTERNET AND PRESENTATION TOOLS 1 F,S

Does not count towards graduation for BUS maj. Lecture and lab.

Introduces intermediate Web browsing and e-mail techniques, skills on using a Web page editor, and using a presentation software package like PowerPoint.

225 ADVANCED MICROCOMPUTER APPLICATIONS FOR THE PROFESSIONAL 3 F,S

MS Office competency or ACC 167 and 168 or equiv req. Materials charge optional. Also offered as BTE 225.

Development of advanced skills in widely used microcomputer application software, including spreadsheets, data base management, business graphics, and desktop publishing.

230 COST AND MANAGEMENT ACCOUNTING 3 F,S

ACC 132 and MAT 121 req; min of 2.5 GPA in ACC 131 and 132 req; B or higher in ACC 131 and 132 req. Formerly MANAGERIAL ACCOUNTING.

Study of managerial accounting concepts in planning, control and decision making. Emphasis on product costing methods, cost drivers, cost-volume-profit analysis, budgets, standard costs, just-in-time implications, relevant costs and capital budgeting decisions.

231 INTERMEDIATE ACCOUNTING I 3 F,S

ACC 132 req; min of 2.5 GPA in ACC 131 and 132 req; B or higher in ACC 131 and 132 strongly rec.

The study of financial accounting theory and practice relating to monetary assets, inventories, plant assets, intangible assets, current liabilities, contingencies, and stockholders' equity. Present value applications, and preparation of financial statements are examined. The following topics are also overviewed: the environment of financial accounting, the development of accounting standards, and the conceptual framework underlying financial accounting.

232 INTERMEDIATE ACCOUNTING II 3 F,S

C or higher in ACC 231 req.

The study of financial accounting theory and practice relating to the following topics: long-term liabilities, dilutive securities, earnings per share, investments, revenue recognition, accounting for income taxes, pension costs, leases, accounting changes, errors, and the preparation of cash flow statements.

233 FEDERAL INCOME TAXATION 3 F,S

ACC 131 or cons dept chair req.

Study of the basic concepts of federal income taxation as they apply to individuals. Overview of corporate and partnership taxation also provided.

235 AUDITING 3 F,S

ACC maj only; C or higher in ACC 231 req.

The CPA profession, including professional ethics and legal liability; professional auditing standards; evidence; internal control; audit programs and procedures; audit reporting; introduction to operational auditing.

260 COMPUTER PROGRAMMING FOR BUSINESS 3 S

MS Office competency or ACC 167 and 168 or equiv req. Formerly ACC 160.

An introduction to the design and development of computer programs for business application. Emphasis is placed on learning program structure and syntax of a business computer language. Developing applications with a Graphical User Interface (GUI) will be introduced.

261 BUSINESS SYSTEMS ANALYSIS 3 F,S

MS Office competency or ACC 167 and 168 or equiv req; ACC 132 req.

An introduction to the analysis and design of modern information systems. Systems Development Life Cycle (SDLC) and structured methodologies are emphasized.

- 263 ACCOUNTING INFORMATION SYSTEMS** 3 F,S
ACC maj only. MS Office competency or ACC 167 and 168 or equiv req. ACC 132 req. Materials charge optional.

An overview of computerized accounting information system analysis, design, and implementation. This includes the characteristics of internal control in a computerized information processing environment. Covers selected advanced electronic spreadsheet concepts.

- 266 COBOL** 3 F,S
MS Office competency or ACC 167 and 168 or equiv req; Not for cr if had ACS 272.

The study of using the COBOL programming language for the purpose of solving business information requests. Emphasizes structured programming concepts, file processing, report creation, data validation and table handling.

- 270 INFORMATION SYSTEMS IN ORGANIZATIONS** 3 F,S
MS Office competency or ACC 167 and 168 or equiv req; ACC 131; ECO 105; MQM 100; MAT 120 req; ACC 132 or conc reg req.

Project-oriented course covering concepts of business information systems and integration of business information systems with functional areas of organizations.

- 298 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN ACCOUNTING** 1-6 F,S
Jr standing req. See internship Director for info and cons.

- 330 ACCOUNTING FOR NON-PROFIT ENTITIES** 3 F,S
ACC maj only; C or higher in ACC 231 req.

Examination of accounting and financial reporting principles for nonprofit entities including state and local governmental units, colleges, hospitals, and other nonprofit organizations.

- 332 ADVANCED MANAGERIAL ACCOUNTING** 3 F
ACC maj only; C or higher in ACC 230 req.

A study of advanced decision models for managerial planning and control. Topics covered include cost behavior and regression analysis, transfer pricing, operations research techniques, accounting systems and internal control. Behavioral and ethical concepts in management accounting are examined.

- 334 ADVANCED TAX** 3 F,S
ACC 233 or cons dept chair req.

Study of concepts and issues associated with corporate, partnership, estate and gift taxation. Overview of tax research techniques also provided.

- 336 ADVANCED AUDITING** 3 F,S
ACC maj only; ACC 235 req.

In-depth analysis of selected advanced topics in auditing, including professional auditing standards, planning, evidence, internal control, statistical sampling, EDP auditing, reporting, integrative audit case, operational auditing.

- 337 ADVANCED FINANCIAL ACCOUNTING** 3 F,S
ACC maj only; ACC 232 req.

Specific emphasis on business combinations and consolidated financial statements. Other topics include partnership accounting, international operations, branch accounting, segment reporting and interim statements.

- 340 INTERNATIONAL ACCOUNTING** 3 S
ACC 132 req.

Examines (1) similarities and differences of accounting principles and procedures between the United States and other countries and efforts at standardizing accounting internationally, and (2) accounting for multinational entities, including consolidation of foreign subsidiaries, evaluation of investment projects, and performance evaluation of foreign operations.

- 357 ADMINISTRATIVE INFORMATION SYSTEM INTEGRATION** 3 S
ACC 261 or BTE 354 req. Formerly BEA 357.

Synthesis, application, evaluation, and administration of administrative information systems and contemporary issues.

- 362 ADVANCED BUSINESS SYSTEMS ANALYSIS** 3 S
ACC 261; ACC 366 or 368 req.

The analysis, design, development, and implementation of a complete business information system. Directed project approach with formal presentations at the conclusion of each project phase.

- 363 ADVANCED ACCOUNTING INFORMATION SYSTEMS** 3 F,S
ACC 260 with a grade of C or better and 263 req.

A study of advanced systems concepts as they relate to the profession of accounting. Selected advanced topics may include computer assisted auditing techniques, the application of database technology as an alternative to the traditional method of accounting, the design and evaluation of internal controls in a computer-based accounting system.

- 366 ADVANCED BUSINESS DATA PROCESSING** 3 F
ACC 266 with a grade of C or better or ACS 272 req. Not for cr if had ACS 372.

Advanced study in the development of computer programs and processing techniques required for business information systems. Systems of programs are developed for both main-frame and microcomputer applications.

- 368 DEVELOPING BUSINESS FUNCTION-BASED SYSTEMS** 3 F,S
ACC 260 (or ACC 266) and 261 req. Also offered as ACS 306, BUILDING APPLICATIONS SYSTEMS.

Advanced study in the development of computer programs for business work-group and individual employee information systems. Students will design and develop a comprehensive application appropriate for a functional area of business using the approaches and tools of a consultant.

- 370 MANAGEMENT INFORMATION SYSTEMS** 3 S
MS Office competency or ACC 167 and 168 or equiv req; MQM 220; MKT 230 and FIL 240 req; ACC 261 or equiv strongly rec. Formerly MQM 370.

Management Information systems with emphasis on the responsibilities of management in the creation, control, and utilization of information systems which support managerial decision making.

- 375 PROFESSIONAL PROBLEMS** 3 S
2.8 overall GPA. 24 hrs of ACC req; ACC 330, 334, 336, 337, or cons dept chair req. Conc reg allowed for only 2 of ACC 330, 334, or 336. Conc reg in FIL 375 rec.

An intensive study of contemporary accounting problems with a strong orientation toward the preparation for the CPA and CMA examinations.

382 CURRENT ISSUES IN BUSINESS INFORMATION SYSTEMS CONSULTING

3 S

ACC 362, 366 or 368 req.

This capstone course will integrate business information systems concepts necessary for successful business consulting. Management issues relating to the consulting practice will be stressed. Significant use of oral and written reports.

398 PROFESSIONAL PRACTICE:

INTERNSHIP IN ACCOUNTING 1-6 F,S

Sr standing; 2.8 GPA in ACC courses req; 2.8 overall GPA and cons Internship Director req.

On-the-job professional accounting or BIS experience with a sponsoring commercial firm or government organization.

FINANCE, INSURANCE AND LAW (FIL) 548

328 Williams Hall, (309) 438-8777

Chairperson: Charles McGuire.

Tenured/Tenure-track Faculty:

Professors: Chang, Flanigan, Gilbert, Kang, Loy, McGuire, Mills, Naidu, Norton, Scott, Varner.

Associate Professors: Carson, Howe, Kruse, Solberg, Trezger.

Assistant Professors: Joaquin, Russell.

General Department Information

The Finance Major provides a knowledge base and skills appropriate for a wide variety of functional and managerial activities that require financial expertise. The financial world touches most organizations, profit or nonprofit, which have activities involving banking, insurance, real estate, investments, managerial finance, budgeting, and international finance.

The Insurance Major provides skills and knowledge appropriate to a wide range of activities in the insurance and the financial services industries. Study of insurance and the financial service industries leads to careers in insurance companies, insurance agencies, financial services firms, reinsurers, regulation and a wide variety of firms allied with the industry. Careers in insurance include personal and business financial planning, underwriting, sales, sales management, employee benefits specialist, and insurer corporate operations and management. The Insurance Major-Business Information Systems (BIS) Sequence is particularly appropriate for students preparing for careers in computing within the insurance industry. Students must take 60 hours of instruction outside of the College of Business.

Academic Requirements:

All majors in the Department of Finance, Insurance and Law must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Finance Program

Degree Offered: B.S.

MAJOR IN FINANCE

General Finance Sequence:

- 59 Required hours including:
- Required courses (53 hrs): BUS 100; ACC 131, 132, 270; FIL 208, 218, 240, 242, 341, 349; MKT 230; MQM 100, 220, 201, 227, 385. In addition, ECO 105 and MAT 121 or 145 must be completed.
- Elective courses (6 hrs): 6 hours selected from FIL 246, 250, 260, 318, 340, 343, 344, 347, 350, 357, 360, 370, 381, 398, 398.10; ECO 239; or appropriate courses approved by the Departmental advisor. NOTE: Students majoring in both Finance and Insurance may not use required Insurance courses as electives in Finance.
- Students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of the major department chair
- A student must complete the flexible core requirement with no more than 6 credit hours from the student's primary area of study.
- NOTE: Advising concentrations have been established to direct studies toward career specializations for Finance majors. Students are strongly urged to contact the departmental advisor for details.

MAJOR IN INSURANCE

General Insurance Sequence:

- 59 Required hours including:
- Required courses (53 hrs): BUS 100, ACC 131, 132, 270; FIL 208, 240, 250, 350 or 352, 351 or 353, 354; MKT 230; MQM 100, 201, 220, 227, 385. In addition, ECO 105 and MAT 121 or 145 must be completed.
- 6 hours of electives chosen from: FIL 242, 350, 351, 352, 353, 382, 398.10 or appropriate courses approved by the Departmental advisor. NOTE: Students majoring in both Finance and Insurance may not use required Insurance courses as electives in Finance.
- Students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of the major department chair
- A student must complete the flexible core requirement with no more than 6 credit hours from the student's primary area of study.

Insurance-Business Information Systems (BIS) Sequence:

- 65 Required hours including:
BUS 100, ACC 131, 132, 261, 266, 270 362, 366;

FIL 208, 240, 250, 350 or 352, 351 or 353, 354; MKT 230; MQM 100, 201, 220, 227, 385. In addition, ECO 105 and MAT 121 or 145 must be completed.
NOTE: Students majoring in both Finance and Insurance may not use required Insurance courses as electives in Finance.

MINOR IN INSURANCE

- 18 hours required in FIL courses.
- Required courses: FIL 208, 218 or 240, 250, 350 or 352, 351 or 353, 354.
- **NOTE:** FIL 398.10 is strongly recommended in addition to required courses.
- **NOTE:** Non-Business majors are restricted to no more than 24 hours of business instruction.

Finance, Insurance and Law Courses

198.01 PROFESSIONAL PRACTICE: FINANCE/INSURANCE INTERNSHIP 1-6 F,S
Cons dept chair req.

On-the-job experience in finance or insurance arranged through the Department coordinator and completed under the supervision of a finance or insurance professional.

208 LEGAL ENVIRONMENT OF BUSINESS 3 F,S
Jr standing req. MQM 100 (or ECO/GEO/POS/PSY 138); ACC 131; ECO 105 or (101 and 102); MAT 120 req. ACC 132 or conc reg req.

The legal environment as it pertains to profit and nonprofit organizations, with ethical considerations and social and political influences as they affect such organizations.

209 BUSINESS LAW I 3 F,S
FIL 208 req.

The law of contracts, agency, partnerships, and corporations.

211 BUSINESS LAW II 3 F,S
FIL 208 and 209 req.

The law of property, sales, secured transactions, commercial paper, trusts, wills, insurance, and bankruptcy.

218 FINANCIAL MARKETS 3 F,S
ECO 102 or 105 req. Bus maj only.

Participants, structure and functions of the major domestic and international financial markets.

240 BUSINESS FINANCE 3 F,S
MQM 100 (or ECO/GEO/POS/PSY 138); ACC 132; ECO 105 or (101 and 102); MAT 120 req; Familiarity with electronic spreadsheets strongly rec.

Principles and problems of planning and managing assets of business. Formulation, acquisition and utilization of funds and capital structure examined.

242 INVESTMENTS 3 F,S
FIL 240 with a grade of C or better req. Bus maj only.

A survey of investment media, concepts, and techniques to provide an understanding of the investment process in the economic and financial environment.

246 CORPORATE FINANCIAL STATEMENT ANALYSIS 3 F
Bus maj only. FIL 240 with a grade of C or better req.

Financial statement analysis and interpretation from the managers', investors', and creditors' perspectives. Pro forma statements. heavy emphasis on spreadsheet use.

250 INTRODUCTION TO RISK AND INSURANCE 3 F,S
Jr standing req.

Fundamental issues of risk management and insurance in property, liability, life and health areas. Principles of marketing, underwriting, rate making and loss adjusting.

260 REAL ESTATE PRINCIPLES 3 F,S
Jr standing req. Bus maj only.

Principles of real estate, including legal aspects of real estate, appraisal, investment, mortgage financing, homeownership, and brokerage industry functions.

298 PROFESSIONAL PRACTICE: FINANCE INTERNSHIP/ COOPERATIVE EDUCATION 1-6 F,S
Jr standing and cons dept chair req.

Directed projects or experience related to the student's career interests in finance, arranged through the department coordinator and completed under the supervision of a business professional.

298.10 PROFESSIONAL PRACTICE: INSURANCE INTERNSHIP/ COOPERATIVE EDUCATION 1-6 F,S
Jr standing and cons dept chair req.

On-the-job experience in insurance arranged through the Department coordinator and completed under the supervision of an insurance professional.

311 GOVERNMENT REGULATION OF BUSINESS 3 F,S
FIL 208 req. Bus maj only.

Analysis of governmental legal and regulatory activity as it applies to business.

312 INTERNATIONAL BUSINESS LAW 3 F,S
FIL 208 req. Bus maj only.

Case study in international business law. Jurisdiction and application of foreign law, international regulation of economic activities, and issues of comparative law.

313 LABOR LAW 3 F,S
FIL 208 req. Bus maj only.

Laws regarding the labor-management relationship, the NLRA, Employment Discrimination, Unemployment Compensation, Social Security, Workers' Compensation and other regulations of employment.

318 MANAGEMENT OF FINANCIAL INSTITUTIONS**3 F,S***FIL 240 with a grade of C or better and 218 req. Bus maj only.*

Financial institutions as business firms, with emphasis on depository institutions: industry structure, regulation, asset and liability management strategies.

340 SHORT-TERM FINANCIAL MANAGEMENT**3 F,S***FIL 240 with a grade of C or better req; Bus maj only.*

Analysis of working capital management; cash budgeting; financial analysis and planning; short-term financing decisions.

341 INTERMEDIATE BUSINESS FINANCE**3 F,S***FIL 240 with a grade of C or better req; Bus maj only.*

Theory and practice of capital management. Topics include evaluation of risks, determination of capital structures, measures of costs and returns, allocation of capital, financial planning and models, and a survey of working capital issues.

343 SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT**3 F,S***FIL 242 req; Bus maj only.*

Characteristics of financial assets and markets; evaluation of securities; selecting and combining securities into portfolios; portfolio models and measurement of portfolio performance.

344 INTERNATIONAL FINANCIAL MANAGEMENT**3 F,S***FIL 240 with a grade of C or better req; Bus maj only.*

Financial management of multinational corporations, including balance of payments, foreign exchange markets and international money and capital markets.

347 FINANCIAL FUTURES, OPTIONS AND SWAPS**3 F or S***FIL 242 or cons dept chair req. Bus maj only.*

Evaluate financial futures, options and swap instruments and market characteristics; analyze pricing models, hedging and trading strategies, portfolio insurance; trading techniques.

349 ADVANCED FINANCIAL THEORY AND PROBLEMS**3 F,S***FIL 341 and additional 6 hrs Finance req. Finance maj only. Not for grad cr for MBA students.*

An advanced coverage of financial theory and its applications to cases and problems; modeling and simulation.

350 PROPERTY INSURANCE**3 F***FIL 250 req.*

Identify and measure property direct and indirect loss exposures and insurance coverages used to transfer such exposures.

351 LIFE AND HEALTH INSURANCE**3 F,S***FIL 250 req.*

Personal and business risks. Principles of life and health insurance and their applications.

352 LIABILITY INSURANCE**3 S***FIL 250 req.*

Identify and measure liability loss exposures and insurance coverages used to transfer such exposures, including concepts of negligence and liability.

353 FINANCIAL PLANNING**3 F,S***FIL 240 with a grade of C or better, 208, and 250 req.*

Principles and concepts of integrated financial planning, including legal, tax and financial aspects, business planning, retirement planning, estate planning and the use of information technology.

354 RISK MANAGEMENT**3 S***FIL 351, and 350 or 352 req.*

Management's role in treating non-speculative risks to which business is exposed. Emphasis on recognition, evaluation, and treatment of risks.

357 REAL ESTATE APPRAISAL**3 F***FIL 260 req; Bus maj only.*

Recent and traditional appraisal techniques. Theory and methodology of market value determination for residential and commercial real estate.

360 REAL ESTATE INVESTMENT AND FINANCE**3 S***FIL 260 req; Bus maj only.*

Decision-making analysis in real estate investment and financing. Emphasis on financial leverage, cash-flow analysis, taxation, risk, mortgages.

370 EDUCATIONAL INVESTMENT FUND**4 F,S***FIL 242 and cons dept chair req.*

Management of real-money investment funds. Application of investment theory to an actual portfolio, including development and presentation of recommendations to board of investment professionals.

375 LAW FOR ACCOUNTANTS**3 S***24 hrs of ACC including ACC 337 or conc reg; FIL 211 or conc reg req.*

Accountants' legal responsibilities, anti-trust, bankruptcy, federal securities regulation, insurance, regulation of employer and employee relationships, secured transactions, suretyship, and other topics for the professional accountant.

380 SEMINAR IN THE LEGAL ENVIRONMENT OF BUSINESS**3 F,S***Cons dept chair req. May be repeated with cons dept chair.*

Selected topics in law and its relationship to business. Topics may include new developments in public and private law as it relates to business persons.

381 SEMINAR IN FINANCE**1-4 F,S***Cons dept chair req. May be repeated with cons dept chair.*

Selected topics in finance. Topics may include new developments in the field as they relate to business people and industry.

- 382 SEMINAR IN INSURANCE** 1-4 F,S
Cons dept chair req. May be repeated with cons dept chair.

Selected topics in insurance. Topics may include new developments in the field as they relate to business people and industry.

- 398 PROFESSIONAL PRACTICE:**
FINANCE INTERNSHIP 1-12 F,S
Sr standing; 3.2 overall GPA or cons dept chair req. Usually no more than 3 hrs cr awarded for 1-sem work assignment.

Directed projects or administrative experience related to the student's career interests, arranged through the department coordinator and completed under the supervision of a business professional.

- 398.10 PROFESSIONAL PRACTICE:**
INSURANCE INTERNSHIP 1-12 F,S
FIL 250 req; 3.2 overall GPA or cons dept chair.

On-the-job experience in insurance arranged through the department coordinator and completed under the supervision of an insurance professional.

MANAGEMENT AND QUANTITATIVE METHODS (MQM) 558

329 Williams Hall, (309) 438-5701

Chairperson: John Lust.

Tenured/Tenure-track Faculty:

Professors: Chitgopekar, Devinatz, Dumler, Fazel-Sarjui, Graeff, Graf, Hemmasi, Lust, Newgren, Palmer, Pomerence, Radhakrishnan, Robinson, Varner, Winchell.

Associate Professors: Fitzgibbons, R. Ringer, Salegna.

Assistant Professors: Balasubramaniam, Bantham, Downes, Howard, Mohammed, S. Robinson, Russ.

General Department Information

The Management Major offers programs to students interested in professional management careers in business, industry, or government. Four sequences allow students to concentrate on skills needed by general managers (Organizational Leadership), specialists in personnel and human resources (Human Resource Management), specialists in quality, operations, or production (Quality and Operations Management), or by those interested in careers in or starting their own small business (Entrepreneurship and Small Business Management).

Academic Requirements:

All majors in the Department of Management and Quantitative Methods must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including a specified number of hours, to enroll in courses in the Department.

Management and Quantitative Methods Programs

Degree Offered: B.S.

MAJOR IN MANAGEMENT

- 59 required hours including 41 hours in required core and non-business courses and 18 hours in a required MQM major sequence.
- The 41 hours of required core and non-business courses include the following: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145.
- At least 24 of the required hours at the 200- and 300-level must be taken in residence at Illinois State University.
- The senior year's work must be taken in residence at Illinois State.
- At least 60 hours of the total 120 hours offered for graduation should be in courses other than business (MQM; ACC; BTE; FIL; INB; MKT).
- In addition, students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of the major department chair
- A student must complete the flexible core requirement with no more than 6 credit hours from the student's primary area of study.

One of the following major sequences must be completed.

Entrepreneurship and Small Business Management Sequence:

- 41 hours of required core and non-business courses: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145.
- Required sequence courses (12 hrs): MQM 221, 225, 226, 326.
- Elective sequence courses (6 hrs): INB 190; MQM 287, 323, 335, 340, 398.
- Flexible core requirement.

Human Resource Management Sequence:

- 41 hours of required core and non-business courses: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145.
- Required courses (15 hours): MQM 221, 323, 324, 352, 354.
- 3 additional hours selected from MQM 300, 340, 350 or INB 245; MQM 353, 355, 356, 357, 381, 383, 398.01, or related course with consent of Department Chairperson. Example of related 3-hour courses include: ECO 225, 326, 327; FIL 313; PSY 375 and SOC 255.
- Flexible core requirement.

Organizational Leadership Sequence:

- 41 hours of required core and non-business courses: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145.
- Required courses (15 hours): MQM 221, 380, 382, 383, 384.
- 3 hours selected from: MQM 215 or 300, 225, 287, 323, 335, 340, 381, 398, 350 or INB 245.
- Flexible core requirement.

Quality and Operations Management Sequence:

- 41 hours of required core and non-business courses: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145.
- Required courses (15 hours): MQM 221, 333, 335, 337, 345.
- 3 hours selected from: MQM 215, 287, 300, 326, 380, 383, 398; ACC 230; IT 312; MKT 329, 339.01.
- Flexible core requirement.

Business Administration Programs

Degree Offered: B.S.

MAJOR IN BUSINESS ADMINISTRATION

- 59 required hours including 41 hours in required core and non-business courses and 18 hours of major course work.
- The 41 hours of required core and non-business courses include the following: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145
- In addition to business core courses, the Business Administration major must select 18 hours of major course work from the options below:
15 hours selected from
a) FIL 209 or 311 or MQM 341;
b) FIL 218 or 242 or 250;
c) MKT 231 or 232 or 234;
d) MQM 225 or 323 or 335;
e) ACC 230 or 370;
f) ACC 340 or MQM 349 or FIL 312 or FIL 344 or MKT 238 or MQM 350.
- An additional 3 hours are to be selected from courses offered in the College of Business or in other colleges.
- At least 9 of the 18 hours must be taken at the 300-level.
- In addition, students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of the major department chair

Business Administration Business Information Systems Sequence:

- 41 hours of required core and non-business courses include the following: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145

- 9 hours from MQM 341; FIL 209 or 218; MKT 232; MQM 215; and INB 245.
- Required courses: ACC 261, 266, 362, 366.
- At least 9 of the 21 hours must be taken at the 300-level.
- At least 60 hours outside the College of Business and in subject areas other than business (ACC; BTE; FIL; INB; MKT; and MQM) must be included toward the 120 hours for graduation. Up to nine hours of economics and up to six hours of statistics courses may be counted as non-business courses.

MINOR IN BUSINESS ADMINISTRATION

- Required courses: MAT 120 or 144 (MAT 104 competence req); ACC 131, 132; ECO 105; FIL 208, 240; MKT 230; MQM 100 (or ECO/GEO/POS/PSY 138); MQM 220. Familiarity with MS Office skills is suggested for 200-level courses.
- **NOTE:** The Business Administration Minor is not available to majors in the College of Business.

Management and Quantitative Methods Courses

100 STATISTICAL REASONING MC-QR 3 F,S
IDS 100; MAT 111, 120, or 145 req. Not for cr if had ECO 131, ECO/GEO/POS/PSY 138. May not be taken under the CT/NC option. Formerly BUSINESS AND ECONOMIC STATISTICS.

Application of statistical concepts to decision problems confronting organizations and individuals. Includes descriptive tools, probability concepts, sampling processes, statistical inference, regression, and nonparametric procedures. Includes computer applications.

140 INTRODUCTION TO BUSINESS COMMUNICATION 3 F,S
ENG 101 or equiv req. Materials charge optional. Formerly BEA 140, BUSINESS COMMUNICATIONS.

Communications practices in business. Communication skills will be improved through solution of practical business writing problems.

201 BUSINESS COMMUNICATION 1 F,S
Not for cr if had MQM 240 or BEA 240; MQM 100 (or ECO/GEO/POS/PSY 138); ACC 131; COM 110; ECO 105 or (101 and 102); MAT 120 req; MQM 220 and ACC 132 or conc reg req for Bus maj. Lecture and lab.

Foundation of the format, writing style, and the process of business communication.

215 INTRODUCTION TO MANAGEMENT SCIENCE MODELS 3 F,S
MQM 100; MAT 121 req. Not for cr if had MQM 301 prior to spring 1979.

Provides a basic understanding of the formulation and application of quantitative models in managerial decision-making. General topics include: linear programming, dynamic programming, networks, and simulation.

220 BUSINESS ORGANIZATION**AND MANAGEMENT 3 F,S**

MS Office competency or ACC 167 and 168 or equiv req; ACC 131; ECO 105 or (101 and 102); MAT 120; MQM 100 (or ECO/GEO/POS/PSY 138) req; ACC 132 or conc req req for bus maj.

Organization theories and the role of managers as leaders. Planning and control systems, decision-making, and human considerations.

221 ORGANIZATIONAL BEHAVIOR**AND ADMINISTRATION 3 F,S**

MQM 220 with a grade of C or better req. Not for cr if had PSY 376.

Organization analysis focusing on motivation, perception, communication, coordination, and change. Administrative problems examined by theories of individual and group behavior.

225 INTRODUCTION TO**SMALL BUSINESS 3 F,S**

MQM 220; MKT 230; FIL 240, all with a grade of C or better req.

A study of small businesses and owner-management. Includes strategic and operational planning, ethical issues, organizational controls, marketing management and techniques, financial analysis and accounting, risk management, securing growth capital, and human resource management.

226 SMALL BUSINESS**ENTREPRENEURSHIP 3 F,S**

MQM 220; FIL 240; MKT 230, all with a grade of C or better req. Formerly ENTREPRENEURSHIP.

How to start a business, with emphasis on the assessment of business opportunities and on the development of operating plans. A sophisticated business plan is developed within task groups from concept through all elements of a professionally written business plan.

227 PRODUCTION MANAGEMENT**3 F,S**

ACC 132; ECO 105; MAT 120; MQM 100 (or ECO/GEO/POS/PSY 138) req.

Operations of production plants. Methods analysis and work measurement, inventory control, quality control, facilities layout, machines and maintenance.

240 ADVANCED BUSINESS**COMMUNICATION 3 F,S**

ENG 101 or equiv req. Not for cr if had MQM 201 or BEA 240; Formerly BEA 240, REPORT WRITING FOR BUSINESS.

Report writing techniques; use, form, and structure of different types of business reports.

**298.01 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE****EDUCATION IN MANAGEMENT 1-6 F,S**

Jr standing req.

Internship experiences in general management, human resource management, production/operations management or management information systems, arranged through the dept coord.

300 INTERMEDIATE BUSINESS**STATISTICS 3 F,S**

MQM 100 with a grade of C or better; MAT 121 or equiv req.

Techniques used in modern business analysis. Topics include multiple regression and analysis of variance for applications in management, marketing, finance, an accounting.

323 HUMAN RESOURCES MANAGEMENT 3 F,S

MQM 220 with a grade of C or better req.

Principles and procedures relating to human resources management, including staffing, appraisal, training, compensation, and other programs for business and other organizations.

324 INDUSTRIAL RELATIONS**MANAGEMENT 3 F,S**

MQM 220 with a grade of C or better req.

Managing employment relations and work conditions. Emphasis on negotiating, administering labor agreements, and impact of collective bargaining on managerial practice.

326 SMALL BUSINESS FIELD STUDIES 3 F,S

Sr standing and 2.0 GPA req. Formerly SMALL BUSINESS MANAGEMENT.

Field program designed to familiarize the student with the problems of small business owners and/or operators. The student acquires firsthand knowledge and experience by dealing with on-going businesses.

333 PRODUCTION/INVENTORY**CONTROL MANAGEMENT 3 S**

MQM 227 req.

Examines issues related to manufacturing planning and control. Topics include Scheduling, Just-in-Time (JIT), and Material Requirements Planning (MRP).

335 QUALITY CONTROL**MANAGEMENT 3 F**

MQM 227 or cons inst req.

Introduces the basic concepts and models used in quality management. Emphasis is placed on the organizational and behavioral dimensions of a quality management program.

337 SERVICE OPERATIONS**3 S**

MQM 227 and MAT 121 req.

Issues related to managing operations in the service sector. Topics include the planning, organization, and control of service operations.

340 SEMINAR IN MANAGEMENT**3 F,S**

MQM 221 req. May be repeated once if topic different.

Specialized study of a selected topic in the field of management for advanced students.

341 CORPORATE COMMUNICATION**3 S**

MQM 220 with a grade of C or better and 201 or 240 req. Formerly BEA 341, PRACTICUM IN BUSINESS COMMUNICATION.

Communications unique to professional employment; emphasis on research and writing skills for effective communication.

345 QUALITY STANDARDS AND IMPLEMENTATION 3 S
MQM 227 and 335 req.

Advanced quality management, examining quality standards used today, discussing different methods and issues related to standard implementation in service and manufacturing companies.

349 BUSINESS IN A MULTICULTURAL ENVIRONMENT 3 F,S
Formerly BEA 345.

Business operations in a multicultural environment. Relationship between the business process and social attitudes, values, ideologies, and customs with special emphasis on Asia, Latin America, and the Middle East.

350 INTERNATIONAL MANAGEMENT 3 F
MQM 220 with a grade of C or better req.

Managerial decision making for planning, organizing, and controlling the functions, operations, and resources of multinational corporations.

352 RECRUITMENT AND SELECTION 3 F,S
MQM 323 req. Formerly 340.02.

Advanced course focusing on the relationship between recruitment and selection activities and their impact on other human resource functions and organizational performance.

353 STRATEGIC HUMAN RESOURCE PLANNING AND MANAGEMENT 3 S
MQM 323 req.

Strategic human resource planning as the base for organizational human resource decisions and programs, and management of personnel development in organizations.

354 COMPENSATION MANAGEMENT 3 F,S
MQM 323 req.

Compensation subsystem as a vital component in establishing a workplace system that stimulates employee performance.

355 EMPLOYEE APPRAISAL AND CAREER DEVELOPMENT 3 F
MQM 323 req. Formerly 340.01.

Advanced course focusing on assessment of employer and employee development needs, career development programs, employee development, program evaluation, and performance appraisal.

356 FOUNDATIONS OF HUMAN RESOURCE DEVELOPMENT 3 F
Formerly BEA 371, TEACHING BUSINESS TOPICS TO ADULT LEARNERS.

Examines theoretical foundations of human resource development and includes employee orientation, technical training, career development, management development, and diversity training.

357 PROGRAM DESIGN AND DEVELOPMENT IN HUMAN RESOURCE DEVELOPMENT 3 S
Formerly BEA 372, EDUCATIONAL MATERIALS FOR ADULT LEARNERS IN BUSINESS.

Focuses on methods, materials, and technology applied to the design, selection, and implementation of training programs for business and non-profit organizations.

380 TEAMS AND TEAM DEVELOPMENT 3 F,S
MQM 221 or conc reg req.

The critical issues in groups and teams are examined within organizational settings. Emphasis is on work teams in organizations and the issues of effectiveness, performance, and conflict.

381 PROJECT SUPERVISION: DEVELOPING MANAGERIAL SKILLS 3 F,S
MQM 221 or 323; Sr standing. Formerly PROJECT SUPERVISION.

Opportunities to develop managerial skills through classroom exercises, self-development activities, and supervising projects.

382 ORGANIZATIONAL LEADERSHIP 3 F,S
MQM 221 or conc reg req.

Emphasis is on leadership and motivation as directive functions of management that are instrumental for achieving high quality performance and organization member satisfaction. Techniques for enhancing one's individual leadership skills are utilized.

383 ORGANIZATIONAL CHANGE AND DIVERSITY 3 F,S
MQM 221 or conc reg req.

Critical issues in organizational change including power, culture, change strategies, and resistance to change are examined and applied to diversity in the organization and its markets.

384 MANAGERIAL PLANNING AND DECISION MAKING 3 F,S
MQM 221 or conc reg req. Formerly MQM 325.

A consideration of managerial decision making in organizations. Specific emphasis on strategic, program, and operational level planning decisions, techniques, and systems.

385 PROBLEMS IN BUSINESS 3 F,S
MQM 201, 220, 227; ACC 270; FIL 208, 240; MKT 230, all with grades of C or better req; Sr standing req; Bus maj only.

Integration of the decision-making processes involved in each of the major functional areas of business.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT 1-6 F,S, Summer

Primarily for jr/sr Management majors with at least 90 hrs. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management req. Students qualifying for this internship experience can receive letter-grade cr hrs of which 3 hrs can be counted toward the Management Major. See Dept coord for info.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/ COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION 1-6 F,S, Summer

Primarily for jr/sr BUA majors with at least 90 hrs. Students qualifying for this internship experience can receive letter-grade cr hrs, of which 3 hrs can be counted toward the BUA Major. See Dept coord for info.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT 1-6 F,S, Summer

Primarily for jr/sr Management majors with at least 90 hrs. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management req. Students qualifying for this internship experience will receive CR/NC hrs only, of which 3 hrs can be counted toward the Management Major. See Dept coord for info.

398.04 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION 1-6 F,S, Summer

Primarily for jr/sr BUA majors with at least 90 hrs. Students qualifying for this internship experience will receive CR/NC hrs only, of which 3 hrs can be counted toward the BUA Major. See Dept coord for info.

MARKETING (MKT) 559

**325 Williams Hall, (309) 438-7261
FAX (309) 438-5510**

Acting Chairperson: Timothy Longfellow

Tenured/Tenure-track Faculty:

Professors: Celuch, Cox, Goodwin, Haynes, Lesch, Showers, Slama.

Associate Professors: Attaway, Humphreys, Longfellow, Singley, Taylor, Williams.

Assistant Professors: Vorhies

General Department Information

The Marketing Department offers and administers several degree programs: Marketing, Business Teacher Education, and International Business.

Academic Requirements:

All students with majors offered by the Department of Marketing must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Marketing Program

Degree Offered: B.S. in Marketing

Marketing is a flexible degree that qualifies graduates for a variety of leadership positions in the selling, distribution, pricing, and advertising of goods and services for both profit and non-profit organizations.

MAJOR IN MARKETING

- 59 required hours including 41 hours in required core and non-business courses and 18 hours in Marketing major required and elective courses.
- The 41 hours of required core and non-business courses include the following: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145.

- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Marketing major elective courses: (9 hrs selected from): MKT 233, 234, 235, 238, 329, 333, 334, 335, 337, 339, 398.01 NOTE: Up to 3 hours of MKT 287, 291, 298, and 398.01 may be counted as part of the 9 hours listed above.
- In addition, students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of their major department chair
- A student must complete the flexible core requirement with no more than 6 credit hours from the student's primary area of study.
- The senior year's work (last 30 hrs) must be completed in residence at Illinois State University.
- At least 60 of the 120 hours required for graduation must be in courses other than business (ACC; BTE; FIL; INB; MKT; and MQM). Up to nine hours of economics and up to six hours of statistics courses may be counted as non-business courses.

Marketing Courses**230 INTRODUCTION TO MARKETING MANAGEMENT 3 F,S**

MS Office competency or ACC 167 and 168 or equiv req; ACC 131; ECO 105 or (101 and 102); MAT 120; MQM 100 (or ECO/GEO/POS/PSY 138) req; ACC 132 or conc reg req for Bus maj.

A managerial approach to the study of such key decision areas as advertising, distribution, pricing and product development as well as other concepts and activities that facilitate exchange and build relationships between buyers and sellers in the environments of business and non-business organizations.

231 BUYER BEHAVIOR 3 F,S

MKT 230 with a grade of C or better req.

Theory and research on explaining and predicting consumer and organizational buying behavior. Course examines concepts that have implications for marketing management decisions.

232 MARKETING RESEARCH 3 F,S

MQM 100 (or ECO/GEO/POS/PSY 138) and MKT 230, both with a grade of C or better req.

Examines marketing research methods and techniques used in the collection and interpretation of primary and secondary data. Hands-on experience is gained through participation in one or more research projects.

233 ADVERTISING 3 F,S

MKT 230 with a grade of C or better req.

Survey of historical and contemporary trends; theory and decision making in advertising. Course covers basic decision elements for developing and managing campaigns.

234 PERSONAL SELLING AND RELATIONSHIP MARKETING 3 F,S
AGR 214 or MKT 230 with a grade of C or better req. Formerly PROFESSIONAL SELLING.

Presents personal selling as a professional marketing activity; coverage of effective selling methods. Application of selling theories to the modern marketing concept. In-class presentations and role playing exercises are typical. Interactive Learning Systems Technology is used in all sections.

235 MARKETING CHANNELS 3 F,S
MKT 230 with a grade of C or better req.

Theoretical concepts of marketing channel (distribution) structure and management and their practical applications.

238 INTERNATIONAL MARKETING 3 F,S
MKT 230 with a grade of C or better req.

Understanding the global marketing environment and developing marketing strategies across national boundaries. The political, economic, and cultural variables which influence such strategies are identified. Recent cross-cultural research and real world cases clarify concepts and their application.

298 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer
Jr standing req. Primarily for students with less than 89 hrs earned. Does not count toward the MKT Major. CR/NC only. See dept chair for info and cons.

329 PURCHASING POLICIES AND PROCEDURES 3 F or S
MKT 230 with a grade of C or better req.

Purchase of materials, supplies, and equipment for industry, government, and other institutions. Organization for purchasing, internal requisitioning, and stock control. Significant case analysis is typical.

333 ADVERTISING MANAGEMENT 3 F,S
MKT 231, 232, 233 req.

Evaluation of elements for the effective development, implementation, and management of advertising campaigns. Experience in making decisions will be gained via cases, campaign development exercises, and/or computer-simulation.

334 SALES MANAGEMENT 3 S
MKT 234 req.

Theory, principles, and practices of sales force administration for manufacturing, wholesaling, and service enterprises. Topics include recruiting, training, compensation, and performance appraisal. Computer simulation gaming is typical.

335 RETAILING MANAGEMENT AND PROMOTION 3 F,S
MKT 230 with a grade of C or better req.

Management and operation of retail firms. Emphasis on location analysis, pricing, inventory control, merchandising and promotion. Experiential assignments are typical.

337 BUSINESS-TO-BUSINESS MARKETING 3 S
MKT 231 and 232 req. Formerly INDUSTRIAL MARKETING.

Focuses upon the scope and nature of marketing in an industrial or business-to-business context. A managerial decision making framework is utilized.

338 STRATEGIC MARKETING MANAGEMENT 3 F,S
MKT 231 and 232 req.

Development, implementation, and control of the marketing plan. Short and long-run perspectives are considered equally important. Includes analysis of actual and hypothetical cases. Computer simulation gaming is typical.

339 SEMINAR IN MARKETING 3 F,S
MKT 231, 232 or cons dept chair req. May be repeated once if topic and inst differ.

A specialized study of important, narrow areas in the field of marketing for advanced students. Recent topics include direct marketing, logistics/physical distribution, sales/market forecasting, advanced marketing research, advanced professional selling, and services marketing. Computer simulation gaming is typical.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer
Jr standing req. Primarily for students with at least 89 hrs earned. Those qualifying for this internship/coop experience can receive letter-grade cr, and up to 3 cr hrs can possibly be counted toward the MKT Major. See dept chair for info and cons.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer
Primarily for students with at least 89 hrs earned. Those qualifying for this internship/coop experience will receive CR/NC hrs only, none of which can be counted toward the MKT Major. See dept chair for info and cons.

BUSINESS TEACHER EDUCATION (BTE) 556

General Information

The Business Teacher Education program is developed to comply with teacher certification requirements for the State of Illinois. This program prepares graduates for secondary teaching positions as well as optional special K-12.

Students should note that:

1. Business Teacher Education majors must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in Business Teacher Education courses.

2. At least 60 hours of credit toward the bachelor's degree must be taken outside the College of Business and in subject areas other than business.
3. While an overall GPA of 2.0 is required for graduation, majors in the Business Teacher Education program must have earned a 2.5 GPA for admission to the University's Teacher Education program (see University-wide Teacher Education program requirements in the College of Education section of the *Undergraduate Catalog* for further information). Also, Business Teacher Education majors must have a minimum 2.5 GPA in order to be eligible to student teach.
4. For the Business Teacher Education program, minimum Clinical Experiences totaling 45 clock hours shall be completed prior to student teaching. Several Business Teacher Education courses include Clinical Experiences; however, it is not necessary to complete all of these courses to satisfy this requirement.
5. Students shall plan programs in consultation with an advisor.
6. Students desiring vocational education certification are required to complete BTE 380 and 382.

Business Teacher Education Programs (BTE)

Degrees Offered: B.A., B.S., B.S. in Ed.

MAJOR IN BUSINESS TEACHER EDUCATION

- 91 hours required, of which 26 meet Professional Education requirements. Part of the entitlement program leading to certification by the State of Illinois for teaching business courses in the secondary schools, grades 6-12, and the K-12 certificate are BTE 364 (1 hr); PSY 215 (3 hrs); STT 399.05 (12 hrs), available only under the CT/NC option (pass-fail basis); and 10 clock hours of Clinical Experience in the elementary school. (The student teaching component of the program has 2 parts: a minimum of 5 weeks in an elementary setting and 9 weeks in a secondary setting.) Also, see University-wide Teacher Education program requirements and Teacher Education Admission program sections of the *Undergraduate Catalog* for further requirements.

Required courses:

- Core courses required of all Business Teacher Education majors: BUS 100, ACC 131, 132, 270; MQM 140; ECO 105; FIL 208, 240; MKT 230; MQM 100 (or ECO/GEO/POS/PSY 138), MQM 220; PSY 110 or 111; MAT 120 or 144 (see Mathematics prerequisites); ENG 101 and competency in MS Office. These courses lead to qualifications for teaching Business Communications, Business Mathematics, Business Exploration/Orientation and Business Computer Applications.
- Professional courses required of all Business Teacher Education majors: BTE 260 (2 hrs), 291 (1 hr), 362 (3 hrs), 363 (3 hrs), and 364 (1 hr). These courses must be completed prior to student teaching in the secondary school setting; they provide 45 clock hours of Clinical

Experiences from the 100 clock hours required by the State of Illinois. The approximate number of hours and type of activity associated with each course offering can be found with the appropriate course description in the *Undergraduate Catalog*.

- Professional Education courses: PSY 215; C&I 214, 215, and 216; EAF 228 or 231 or 235; STT 399.05 (26 hrs). All Professional Education courses must be passed with a grade of C or higher (except for STT 399.05, a CT/NC option course, which must be passed).
- Required courses for Illinois Teaching Certificate Endorsements: BTE 108 (or passing BTE 108 proficiency exam) and/or 225, 330, 354, and IT 383. Students completing these requirements will automatically receive a K-12 Special Business Education Certificate and 6-12 Business Education Certificate with endorsements in Accounting, Basic Business, and Information Processing. Additional endorsements may be acquired by completing the following:
 1. **Information Processing/Secretarial:** BTE 108 (or passing BTE 108 proficiency exam) and/or 225, 354; IT 383 (students must transfer terminal course in shorthand, notehand, or machine transcription from another institution).
 2. **Business Computer Programming/Systems:** ACC 261, 266, 270; BTE 225.
 3. **Marketing:** MKT 230 and any 2 of the following: MKT 231, 232, 233, 234, 235.
 4. **Cooperative Teacher Coordinator:** BTE 380 and 382 and 2,000 hours of employment experience in the occupational specialty to be taught. (This is highly recommended for those seeking involvement with Education to Careers programs).

MINOR IN BUSINESS TEACHER EDUCATION

The Minor in Business Teacher Education is available only to those in an Education major.

- 32-36 hours required.
- Required courses: ACC 131, 270, BUS 100, BTE 225, 260 (2 hrs), 362 (3 hrs) or 363 (3 hrs); ECO 103 or 105; MQM 100 (or ECO/GEO/POS/PSY 138), MQM 201, 220.
- The student must choose 6 to 8 hours from one of the following areas so that upon completion of the minor the student is qualified for at least 1 teaching certificate endorsement.

1. **Accounting:** ACC 132; FIL 240.
2. **Basic Business:** BTE 330 and one of the following: FIL 208, MKT 230.
3. **Information Processing:** BTE 108 (or passing BTE 108 proficiency exam), 354; IT 383.

MINOR IN CONSUMER EDUCATION

The Minor in Consumer Education is available only to those in a Secondary Education Major.

- 31-33 hours required in Business Teacher Education: Family and Consumer Science; Finance, Insurance and Law; Marketing.

- Required courses: BUS 100, ACC 131, BTE 260; FCS 103 or BTE/FCS 330; FCS 333, BTE 362 or FCS 203; ECO 103 or 105; FIL 208; MKT 230, 231; MQM 100 (or ECO/GEO/POS/PSY 138).
- **NOTE:** Appropriate courses may be substituted for required courses with the approval of the Department Chairperson.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- 1. Observation
- 2. Tutoring one-on-one contact
- 3. Non-instruction assisting
- 4. Instructional aiding a group
- 5. Micro teaching
- 6. Simulation lab exercises
- 7. Work with clinic client
- 8. Graduate practicum
- 9. Professional meeting
- 10. Other

Business Teacher Education Courses

All of the following Business Teacher Education (BTE) courses are formerly Business Education and Administration (BEA) courses.

- 108 BASIC FORMAT TYPEWRITING/KEYBOARDING** 2 F,S
Materials charge optional.
Introductory course includes presentation of microcomputer keyboard and development of basic skills for rapid, accurate preparation of documents and office communication forms. A Proficiency Exam is available; see dept chair for info.
- 125 APPLICATIONS OF OFFICE TECHNOLOGY** 3 F,S
Not for cr if had ACS 150 or ACC166. Materials charge optional. Formerly BEA 200.
Word processing, data base management, spread sheets, business graphics, and communications using microcomputers.

- 225 ADVANCED MICROCOMPUTER APPLICATIONS FOR THE PROFESSIONAL** 3 F,S
MS Office competency or ACC 167 and 168 or equiv req. Materials charge optional. Also offered as ACC 225.
Development of advanced skills in widely used microcomputer application software, including spreadsheets, data base management, business graphics, and desktop publishing.
- 250 RECORDS MANAGEMENT: THEORY AND CONCEPTS** 3 F
Organization and management of records systems including records maintenance, protection, and final disposition.
- 256 ADMINISTRATIVE OFFICE MANAGEMENT** 3 S
MQM 220 with a grade of C or better req. Formerly BEA 355.
Analysis of office functions and relationship to business organization; information handling and data processing; office design and layout; responsibilities of office administrators.
- 260 FOUNDATIONS OF BUSINESS EDUCATION** 2 F,S
C&I 214, 215, or conc reg req. Incl Clin Exp: 12 hrs, Type 1, 6, 9.
Historical background and current status of Business Education emphasizing professional responsibilities of teachers and principles of curriculum construction.
- 300 CAREER PLACEMENT DECISIONS** 1 F,S
An orientation to the processes used in obtaining employment. Includes instruction concerning resumes, application letters, job sources, and interviews.
- 330 DECISION-MAKING FOR CONSUMERS** 3 F,S
Also offered as FCS 330.
Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life-styles, consumer protection, leisure, and achieving financial security.
- 354 ADMINISTRATIVE OFFICE INFORMATION SYSTEMS: PLANNING AND IMPLEMENTATION** 3 F
BTE 225 and MQM 220 with a grade of C or better req. Formerly BEA 351.
Decisions which must be made regarding efficient work flow in an office through experiences in development of office systems which includes the use of modern office technology.
- 360 TOPICS IN STRATEGIES OF TEACHING BUSINESS EDUCATION SUBJECTS** 2 F,S
BTE 260 or conc reg req; C&I 216 req; Incl Clin Exp: 12 hrs, Type 1-6, 9. May be repeated if content different. Adm to Teacher Ed or teaching experience req.
Methods of teaching Business Education subjects including keyboarding, information processing, basic business, consumer economics, accounting, marketing education, and current topics.

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- 362 BASIC BUSINESS, ACCOUNTING, AND MARKETING INSTRUCTION** 3 F
BTE 260 or conc reg req. Incl Clin Exp: 12 hrs, Type 1-6, 9. Adm to Teacher Ed req.

Methods of teaching basic business, consumer economics, accounting, and marketing.

- 363 KEYBOARDING, INFORMATION PROCESSING, AND COMPUTER APPLICATION** 3 F
BTE 225, 260 or conc reg req. Incl Clin Exp: 12 hrs, Type 1-6, 9. Adm to Teacher Ed req.

Instructional strategies in the teaching of personal and vocational keyboarding and computer applications at the junior high and high school levels.

- 364 TEACHING KEYBOARDING AND INFORMATION PROCESSING IN ELEMENTARY SCHOOLS** 1 F
BTE 363, or conc reg req. Include Clin Exp: 5 hrs, Type 1-6, 9. Adm to Teacher Ed req.

Methods of teaching keyboarding and information processing for elementary students.

- 380 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL COOPERATIVE EDUCATION PROGRAMS** 3 F
Incl Clin Exp: 5 hrs, Type 1-6, 9. Also offered as FCS 380.

Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan.

- 381 DIRECTED OCCUPATIONAL EXPERIENCE FOR VOCATIONAL BUSINESS AND OFFICE AND MARKETING EDUCATION** 3 S, Summer
For in-service teachers.

Approved on-the-job work experiences required of business and office, and marketing education vocational teachers.

- 382 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS** 3 S
Incl Clin Exp: 5 hrs, Type 1-6, 9. Also offered as AGR/FCS 382 and IT 306.

Coordination techniques needed for high school and post-secondary teacher coordinators in integrating classroom activities with daily employment.

International Business (INB) 546

Degrees Offered: B.A., B.S.

The Baccalaureate program in International Business is designed to provide a specialized curriculum for students interested in business who wish to prepare themselves for international careers within multinational corporations. This interdisciplinary program, administered by the Department of Marketing, combines course work in general and international business, foreign language, and area

studies. Through a specific concentration (i.e., in Finance, Marketing, Management, etc.) the program gives students a fundamental understanding of a functional area of business. Four specifically required International Business courses provide solid exposure to the unique dynamics of doing business across multiple national boundaries. Area studies and foreign language requirements provide students with supporting exposure to international studies and culture, important elements in International Business. Supporting study abroad opportunities further enhance students' international experience as would professional internship experiences (MKT 298, 398.01, 398.02).

The International Business program is divided into a common Business core applicable to all students, the International Business core, the Foreign Languages requirement, a concentration in a functional area, and area studies requirements. Sixty hours of course work must be taken outside of the College of Business.

MAJOR IN INTERNATIONAL BUSINESS

- 59 required hours including 41 hours in required core and non-business courses and 18 hours in International Business major required and elective courses.
- The 41 hours of required core and non-business courses include the following: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 201, 220, 227, 385; ECO 105; MAT 121 or 145.
- 18 hours of major (International Business) coursework:
 - Required courses (12 hours): FIL 344; INB 190; MKT 238; MQM 350.
 - Elective hours (6 hours): Select two of the following courses: ACC 340; ECO 345; FIL 312; INB 245; MQM 349.
- Foreign Languages requirement (6-8 hours): All students must take 2 language courses at least through the 116-level, regardless of level of proficiency (proficiency credit may not be used in the major).
- Area Studies requirement: two courses from two departments (6 hours) such as Geography, History, Interdisciplinary Studies, and Political Science. Possible electives include: ECO 210, 310; ENG 110, 122, 219, 388; GEO 135, 150, 230, 240, 245, 255; HIS 102, 125, 126, 127, 228, 229, 232, 234, 236, 237, 260, 263, 275, 279, 342, 344, 345, 361, 362, 366, 375; IDS 103, 104, 107, 110, 189; PHI 207, 208; POS 141, 145, 151, 241, 242, 246, 247, 254, 263, 344, 345, 347, 348, 354 or course work approved by the departmental advisor.
- The International Business major must take 9 hours in one of the functional areas of business: Accounting, Business Information Systems, Finance, Insurance, Management, and Marketing.

MINOR IN INTERNATIONAL BUSINESS

A minor in International Business is only available to students who major in the College of Business.

- 22 hours required.
- 9 hours to be chosen from ACC 340; FIL 312, 344; INB 245; MKT 238; MQM 349, 350.

- 4 hours required in Foreign Language at least through the 115-level;
- 9 hours of approved area studies electives from at least 3 departments. Possible electives are listed under Area Studies requirements in the International Business Major.

BUSINESS STUDY ABROAD

The College of Business has partner institutions in England, France, and Mexico. The College sponsors its own 4 to 6 week group study abroad programs in each of the 3 countries. Individual semester and academic year study abroad options are available in a larger number of countries. Students should consult the International Business advisor for the transfer of credit earned at individual semester and academic year abroad programs.

The intensive group programs run by the College during the summer are conducted in English at the partner universities. For these programs, students earn 6 credits for 2 courses (IDS 189, Interdisciplinary Studies and INB 245, Business Studies Abroad).

The College's partner universities abroad are:

The University of the West of England.....Bristol, England
 Instituto Tecnológico y de Estudios
 Superiores de Monterrey (ITESM).....Queretaro, Mexico
 Ecole Supérieure d'Agriculture (ESA).....Angers, France

International Business Courses

190 INTRODUCTION TO INTERNATIONAL BUSINESS 3

ECO 101 or 102, or 103, or 105 req.

Provides basic knowledge of theory and practice in International Business; lays the foundation for specialized upper-division courses in International Business.

245 BUSINESS STUDY ABROAD up to 6 hours Summer

Jr standing; cons coord req. 3 hours may count as major elective in the areas the following programs: Business Administration, Finance, Insurance, International Business, Management, and Marketing.

Encompasses any studies related to College of Business Summer Studies Abroad.



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COLLEGE OF EDUCATION

Dean: Sally B. Pancrazio. Office: 506 DeGarmo Hall.

The College of Education includes the Departments of Curriculum and Instruction, Special Education, Educational Administration and Foundations, the Office of Clinical Experiences and Certification Processes, and the Laboratory Schools. A research and service unit is included in the College of Education.

The College of Education has three broad missions: (1) preparation of quality personnel to serve in all sectors of education in various capacities and at all levels of teaching and learning; (2) systematic study, research and evaluation of societal concerns within diverse cultural contexts and with the concomitant utilization of that research for society's benefit; and (3) active involvement in service activities designed to improve the quality of life through education and to ensure the necessity of existing programs and to identify new directions for the College.

The College of Education accepts responsibility for influencing public policy, standards, and practices which affect education at all levels. The preparation and continuing professional development of educators is the core of this mission. A comprehensive offering of degree, certification, and outreach programs operated year round at both undergraduate and graduate levels constitutes the primary mechanism through which the mission is fulfilled.

The College also fulfills its strategic mission of influencing education by interacting directly with practitioners in the field in a variety of partnerships in schools and other associations and agencies. The College provides services and engages in collaborative activities aimed at improving the experiences and programs available to students at all levels. In addition, the College is an active participant in discussions related to educational policy development within national, state, and local arenas.

CURRICULUM AND INSTRUCTION (C&I) 533

232 DeGarmo Hall, (309) 438-5425

Chairperson: S. Rex Morrow

Tenured/Tenure-track Faculty:

Professors: Bettis, Braun, Fisher, Jinks, Lorber, Morrow, Moss, Mungo, Nourie, Rhodes.

Associate Professors: Benenson, Curtis, Jerich, Kolloff, Lenski, Moore, Morgan, Shaw-Baker.

Assistant Professors: Al-Bataineh, Black, Brehm, Crawford, Crumpler, Gray, Lorschbach, Morey, Mounts, Niersheimer, Nwoye, Toll, Shidler, Stallworth.

General Department Information Early Childhood Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Early Childhood Education program on a competitive and selective basis. To register for C&I 281, the Early Childhood Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.7.
2. A minimum of 45 semester hours completed (**To begin C&I 281, however, students must have achieved junior standing—a minimum of 60 semester hours completed.**)
3. A minimum grade of C in both ENG 101 and COM 110.
4. **All sections of Pre-Professional Skills Test (PPST) passed (see description below).**

Students should contact their advisors for additional information. Prospective transfer students are urged to file an Application for Admission to Illinois State University early. (See Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended.

Pre-Professional Skills Test (PPST):

All early childhood majors are required to pass a basic skills test (PPST) in reading, writing, and mathematics before registering for C&I 281. For this reason students should take the PPST (fee required) as early as possible.

MAJOR IN EARLY CHILDHOOD EDUCATION

The Early Childhood Comprehensive Major leads to certification for teaching in programs serving children birth to age 8 (grade 3). The professional coursework of the program focuses on preparation for teaching in day care centers, nursery schools, and primary classrooms.

Most professional course work, taken through Core units, is ordinarily started during the first semester of the junior year. Each Core unit is for an entire semester and is a unified program of classroom experiences taught by a team of instructors from C&I and other departments. Each Core covers a common content: knowledge about physical, cognitive, social, and creative development of children; knowledge about school curriculum and organization; and direct teaching experience with young children. The final semester (Student Teaching) is spent off campus. Concurrently with each Core, students take additional required courses. Specific information on admission policies and practices is available from the Department of Curriculum and Instruction. Students are encouraged to take the PPST Test as early as possible **since passing scores on the PPST are required before registering for Core I (C&I 281).**

— Required courses (54 hrs): C&I 110, 281, 282, 283, 314, 331, STT 399.54; SED 373, 379 and PAS 115. Concurrent courses are taken through advisement.

— Each student should consult the Teacher Education Requirements section of the *Undergraduate Catalog* for further understanding of state General Education standards for certification in Early Childhood Education.

Elementary Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Elementary Education program on a competitive and selective basis.

To register for C&I 209, Literacy II, a student must have achieved:

1. C&I 208 Literacy I.
2. 2.7 cumulative GPA.
3. All sections of Pre-Professional Skills Test (PPST) passed (see description below).
4. Admission to Teacher Education.

Students should contact their advisors for additional information. Prospective transfer students are urged to file an Application for Admission to Illinois State University early. (See Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended.

Pre-Professional Skills Test (PPST):

All elementary majors are required to pass a basic skills test (PPST) in reading, writing, and mathematics before registering for C&I 209. For this reason, students should take the PPST (fee required) as early as possible.

MAJOR IN ELEMENTARY EDUCATION

General Education:

Transfer students fulfilling General Education requirements through the Illinois Articulation Initiative (IAI) or by an approved Associate's degree must also complete all parts of the Illinois State Board of Education General Education (IGE) requirements for Elementary (K-9) Certification. These requirements can be found under the listing "University-Wide Teacher Education" in this catalog.

Elementary Education students completing Illinois State University's General Education program can satisfy IGE requirements for Elementary (K-9) Certification by completing an additional 18 semester hours as follows:

An 18 semester hour discipline from one of the following areas: Art, Biological Science, Cultural Geography, English, Foreign Language, History, Mathematics, Music, Physical Science, Political Science, or Theatre. *Contact the Department of Curriculum & Instruction to obtain a copy of the recommended courses for each of the disciplines.*

General Education Science Program Requirements:

All Elementary Education majors are required to complete 12 semester hours of General Education science from the areas of Biological Sciences, Chemistry, Geology, and/or Physics. *Contact the Department of Curriculum and Instruction to obtain a copy of acceptable science courses.*

Professional Education—Major Adjunct Courses: 21 semester hours. These courses should be completed by the end of the junior year with the exception of the EAF class.

SED 145	Introduction to Special Education	3 hrs
ENG 170	Foundations in Literature for Children	3 hrs
MAT 201	Teaching Mathematics in the Elementary School	3 hrs
HPR 222	PE for the Elementary Classroom Teacher	2 hrs

EAF 228	Social Foundations	OR	3 hrs
231	Introduction of Philosophy of Education	OR	
235	Historical Foundations		

ART 205	Art for the Classroom Teacher	OR	4 hrs
MUS 277	Music Ed in the Elementary Grades	OR	
THE 280	Creative Drama		
(2 of 3 required)			

PSY 302	Dev Psy of Adolescence		3 hrs
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Professional Education--C&I Major Courses: 23 semester hours.

C&I 104	Introduction to Education	2 hrs
C&I 208	Literacy I: Reading and LA in the Elementary Schools	3 hrs
C&I 209	Literacy II: Reading and LA in the Elementary Schools	3 hrs
C&I 210	Child Growth and Development	3 hrs
C&I 211	Seminar in Education	3 hrs
C&I 233.01	Education and the Early Adolescent	3 hrs
C&I 257	Teaching Science in the Elementary Schools	3 hrs
C&I 258	Teaching Social Studies in the Elementary Schools	3 hrs

Professional Education--Student Teaching: 12 semester hours.

STT 399.50	Student Teaching (entire semester experience)	12 hrs
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In the semester before Student Teaching, students will enroll in a 15 hour semester consisting of C&I 211, 233.01, 257, 258, and EAF 228 or 231 or 235. Generally, students are limited to this 15 hour schedule because either 1.) they are required to complete 4 weeks of full-time Clinical Experiences in elementary schools or b.) this semester is taken at an off-campus Professional Development School.

Bilingual/Bicultural Education Sequence:

An Elementary Education major who completes the requirements for a B.S. or B.S. in Education degree and who completes the proposed required courses listed may be certified as an elementary school teacher with bilingual/bicultural approval. In addition to the courses required for the Elementary Education Major, other required courses include:

- Required courses: C&I 218, 319, 320; ENG 243.
- 2 courses selected from: ENG 290, 341, 343, 344, 345.
- 3 courses selected from: FOR 213.15, 244.15*, 305.15*, 336.15.
- 1 course selected from: HIS 127, 137, 263, 273, 322.
- 1 course selected from: ANT 180, 277; SOC 260, 264.
- Bilingual Education student teaching must be in a bilingual setting.

*These courses can be taken during summer programs sponsored by the Foreign Language Department in Spanish-speaking countries or on campus.

Additional courses in Spanish may be needed in order to obtain the required degree of Bilingualism. The courses available in the Department of Foreign Languages are complemented by a summer program abroad. Language proficiency will be determined by successfully passing the ACTFL (American Council on Teaching of Foreign Languages) oral and written exam. The acceptable level of language proficiency required by the state of Illinois is *Advance Plus*. This level requires that the candidate function sometimes, but not consistently, in the following:

- supports opinions and argues logically a point of view
- hypothesizes
- discusses abstract and concrete topics
- makes unpatterned errors only
- can get into, through, and out of familiar situations

Students also are required to take 6 hours in C&I 218. The Elementary Education major who desires Bilingual/Bicultural approval should consult the Coordinator of the Bilingual/Bicultural Education Program in the Department of Curriculum and Instruction for assistance in planning a program to meet the above requirements.

ENDORSEMENT IN READING

Students may complete course work leading to the 18-hour reading endorsement. To meet these state requirements, students must fulfill 12 hours in reading in categories designated by the State of Illinois, a literature course appropriate to the teaching level, and an additional approved reading course.

Middle Level Teacher Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Middle Level Teacher Education program on a competitive and selective basis. To register for C&I 233, the Middle Level Teacher Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.5.
2. A minimum grade of C in both ENG 101 and COM 110.
3. All sections of Pre-Professional Skills Test (PPST) passed (see following description).

Students should contact their advisors for additional information. Prospective transfer students are urged to file an Application for Admission to Illinois State University early. (See Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended. In addition, students must have completed or concurrently register for C&I 130.

Pre-Professional Skills Test (PPST):

All middle level teacher education majors are required to pass a basic skills test (PPST) in reading, writing, and mathematics before registering for C&I 233. For this reason students should take the PPST (fee required) as early as possible.

MAJOR IN MIDDLE LEVEL TEACHER EDUCATION

Professional Requirements:

- 40 hours in Professional Education required. Part of entitlement program leading to certification: Elementary K-9.
- Required courses: C&I 130, 210, 233, 306; 333, 390, 395, 399.55 (12 hrs of Student Teaching); EAF 228 or 231 or 235; PSY 302; PSY 346 or 347 or SED 145.

Specialization Requirements:

- Appropriate preparation in 2 or more areas of teaching specialization listed below is required.

The major in Middle Level Teacher Education, a program of professional development for those who wish to teach at the middle school-level of education, consists of three broad areas of preparation. These are: General Education requirements for certification which are listed in the section on Teacher Education; Professional Requirements which are listed above; and Teaching Specialization Requirements, the character of which are described below. Upon satisfactorily completing this program, the student will meet the State of Illinois requirements for Elementary certification (K-9).

An advisor in the Department of Curriculum and Instruction will assist the Middle Level Teacher Education major in planning course work in both a primary and secondary area of specialization.

Primary Specialization:

A student must complete 1 of the following options:

1. Specified hours taken from Science, Industrial Technology, Social Sciences, Mathematics, Reading, Language Arts, or Physical Education.
2. Minor in Art or Music.

Secondary Specialization:

In addition to the primary specialization, a student must complete a minimum of 18 hours (completes the State of Illinois minimum requirements for teaching in a second field, at least 18 hrs) in another area selected from those listed in 1 and 2 in the previous text.

Unlike preparation for senior high school teaching, the junior high/middle school demands broad preparation across the several disciplines that constitute a subject area at this level. To meet these broad field demands in their selected teaching areas, pre-service teachers in the Illinois State program are guided through coursework that is specifically attuned to the curriculum requirements of the junior high/middle school.

A primary feature of the Middle Level Teacher Education program is the experience that the pre-service teacher gains in working with young adolescent youth in the school environment. Simultaneously with the course work in the categories previously described, the student in the program engages in a variety of Clinical Experiences working with students in area junior high/ middle schools. In fulfilling its strong commitment to young adolescent education, Illinois State University works closely with these schools to provide maximal opportunities for majors in the development of teacher-student interaction skills. The prescribed and voluntary internship activity aids the student in making the transition from pre-service to in-service teaching much more effectively and expeditiously. This activity and the other features of this specialized program combine to provide a comprehensive and thorough undergraduate program for teachers as specialists at a school level where few exist.

Certification standards and standards for school recognition by the Illinois State Board of Education relating to the qualifications of teachers as well as those for member schools of the North Central Association are met and considerably exceeded by graduates of the Middle Level Teacher Education program at Illinois State University.

Urban Education Study:

Students wishing preparation for working with urban populations may elect to complete Urban Education. Urban Education is not a certified area but is an elective option available to students in Elementary Education, Middle Level Education, Special K-12, High School, Early Childhood, and Special Education programs. Course content and Clinical Experiences are individually designed in keeping with the specific Teacher Education program of the student.

The following includes both on and off-campus course work experiences in both school and non-school educational settings, and in agency activities: C&I 110—Introduction to Multicultural Education (3 hrs), C&I 232—Urban Education: An Introduction (3 hrs), C&I 312—Urban Field Experiences (6 hrs off campus), C&I 398—Professional Practice: School/Community Involvement (3 hrs), and C&I 332—Education in the Inner City (3 hrs).

SECONDARY EDUCATION

NOTE: It is recommended that students progress through the Professional Education requirements in the following order:

1. Begin the process leading to Admission to Teacher Education. This may require more than one semester. See Index for Admission to Teacher Education details. Take the Pre-Professional Skills Tests (PPST) in reading, writing, and mathematics as soon as possible. There are no prerequisites for it. **Students must pass all sections of the PPST before they can register for C&I 216.**
2. EAF 228 (Social Foundations), or EAF 231 (Introduction to Philosophy of Education), or EAF 235 (Historical Foundations), 3 hours.

3. PSY 215 (Educational Psychology), 3 hours.
4. C&I 214 (Secondary School Reading) and C&I 215 (Curriculum and Organization Issues in Secondary Schooling), 2 hours each.
5. C&I 216 (Secondary Education), 4 hours.
6. Special Methods course(s) and student teaching as required by each academic department. Check with the advisor in your major department for specific course numbers.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools, professional development schools, campus laboratory schools, agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Curriculum and Instruction Courses

- 104 INTRODUCTION TO EDUCATION** 2 F,S
El Ed maj only. Not for cr if had C&I 254. Incl Clin Exp: 9 hrs, Type 1-4.

The study of contemporary teaching and schooling provides the foundation for becoming an educator.

- 110 INTRODUCTION TO MULTICULTURAL EDUCATION** 3 F,S
Materials charge optional.

Exploring the theories and processes for understanding and working with culturally diverse groups in educational settings and the implications for programming at all levels.

- 130 INTRODUCTION TO EDUCATION OF THE YOUNG ADOLESCENT** 1 F,S
First course in Middle Level Teacher Education Seq. Family INTRODUCTION TO EARLY ADOLESCENT EDUCATION.

Develops the distinctive role of young adolescent education in the public school, contrasted with elementary and senior high school education.

- 208 LITERACY I: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS** 3 F,S
El Ed and SED maj only. Soph standing. 2.0 cum GPA; C&I 210 req. Not for cr if had C&I 255 and/or C&I 256. Incl Clin Exp: 5 hrs, Type 1-4.

Study about theory and practice in teaching reading and language arts at the elementary school level.

- 209 LITERACY II: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS** 3 F,S
C&I 208 req. 2.5 cum GPA. All sections of PPST passed. Adm to Teacher Ed. Not for cr if had C&I 255 and/or C&I 256. Incl Clin Exp: 15 hrs, type 1-4-6-9-10.

Extends students' knowledge of literacy and the use of appropriate assessment measures and instrument strategies.

- 210 CHILD GROWTH AND DEVELOPMENT** 3 F,S,Summer

Incl Clin Exp: 9 hrs, Exp Type 1-4.

Physical, social, emotional, and mental development of the child from conception through adolescence; methods of studying children and their behavior.

- 211 SEMINAR IN EDUCATION** 3 F,S
El Ed maj only. C&I 208 and 209 req. Sr standing, 2.5 maj and overall GPA. Conc reg in C&I 211, 233.01, 257, 258, and EAF 228 or 231 or 235. Adm to Teacher Ed req. Not for cr if had C&I 254.

Senior capstone seminar integrating aspects of teacher preparation in the study of contemporary school improvement issues and individual professional development.

- 214 SECONDARY SCHOOL READING** 2 F,S,Summer
Teacher Ed Seq leading to 6-12 or K-12 cert (other than Spec Ed) only. 2.0 overall GPA. 45 hrs req. C or better in ENG 101 and COM 110 req.

Materials and techniques for supporting literacy in content areas.

- 215 CURRICULUM AND ORGANIZATION ISSUES IN SECONDARY SCHOOLING** 2 F,S,Summer
Teacher Ed Seq leading to 6-12 or K-12 cert (other than Spec Ed) only. 2.0 overall GPA. 45 hrs req. C or better in ENG 101 and COM 110 req. Incl Clin Exp: 10-15 hrs, Type 1-4, 10.

Focuses on the social, economic, and political forces that influence the development, organization, and purposes of secondary schools.

- 216 SECONDARY EDUCATION** 4 F,S,Summer
2.0 overall GPA. C or better in C&I 215 and PSY 215 req. The same 2-hr block free, daily, between the hours of 8:00 a.m. and 3:00 p.m. (8:00 a.m. and noon during summer session) for the 2 to 3-week in-school field experience. All sections of PPST passed. Incl Clin Exp: 55 hrs, Type 1, 2, 4, 5, 10.

Focuses on techniques used by teachers in all subject areas to plan, teach, and evaluate instructional units. Includes microteaching and classroom teaching.

- 218 INTERNSHIP IN BILINGUAL/ BICULTURAL EDUCATION** 6 F,S
Placement in a bilingual classroom.

Internship in Bilingual/Bicultural Education at the elementary school level.

- 220 READING FOUNDATIONS** 3 F,S
C&I 210 or PSY 112 or 215 req. Incl Clin Exp: 5 hrs, Type 1, 9, 10. Formerly SED 220, READING METHODS.

Study of the reading strategies and reading process.

- 222 READING ASSESSMENT** 3 F,S
C&I 220 or C&I 208 req; or Education or Psychology measurement rec. Incl Clin Exp: 5 hrs, Type 1, 2, 6, 9, 10. Formerly SED 222, SURVEY OF READING DIAGNOSIS.

Study of the assessment of the reading process.

- 232 URBAN EDUCATION: AN INTRODUCTION** 3 F,S
Formerly EDUCATION IN THE INNER CITY: AN INTRODUCTION.

Strategies for educating urban students.

- 233 MIDDLE LEVEL EDUCATION AND THE YOUNG ADOLESCENT** 3 F,S
Middle Level Teacher Ed Maj only; C&I 130 or conc reg req. 2.5 overall and maj GPA req. C or better in ENG 101 and COM 110 req. All sections of PPST passed. Incl Clin Exp: 20 hrs, Type 5. (Non-maj section— 233.01 cum GPA 2.0, maj GPA 2.0; C or better in ENG 101 and COM 110; all sections of PPST passed.) Formerly EDUCATION AND THE EARLY ADOLESCENT.

Organizational structure of American public education; provisions for young adolescent education; understanding the characteristics of the young adolescent student; the role of the teacher of young adolescents.

- 257 SCIENCE METHODS** 3 F,S
El Ed maj only. Sr. standing. C&I 208 req, incl 1 lab course. Conc reg in C&I 233.01, 211, 258, and EAF 228 or 231 or 235 req. 2.5 maj and overall GPA. Incl Clin Exp: 35 hrs, Type 1-4. Adm to Teacher Ed req. Materials charge optional.

Methods associated with effective K-9 science instruction. Emphasis placed upon activity-based instructional strategies.

- 258 SOCIAL STUDIES METHODS** 3 F,S
El Ed maj only. Sr standing. C&I 208 req. Conc reg in C&I 233.01, 211, 257, and EAF 228 or 231 or 235 req. 2.5 maj and overall GPA. Incl Clin Exp: 35 hrs, Type 1-4. Adm to Teacher Ed req.

Methods essential to effective K-9 social studies instruction. Focuses on current directions, research, and individual needs of diverse student populations.

- 270 ELEMENTARY SCHOOL CURRICULUM** 4 F,S,Summer
SED 220 or conc reg req. Incl Clin Exp: 5 hrs, Type 1. Not for cr if El Ed maj.

Development of elementary school curriculum and classroom organization. Current teaching strategies and materials for language arts, science, and social studies.

- 281 CORE I EARLY CHILDHOOD** 8 F,S
ECE maj only. Conc reg C&I 110 and adm to Core rec. Overall and maj GPA 2.5. C or better in ENG 101 and COM 110. All sections of PPST passed Incl Clin Exp: 37 hrs, Type 1-5.

Study of child growth/development 0-8 years old, integrated with prekindergarten education and children's literature.

- 282 CORE II EARLY CHILDHOOD** 8 F,S
ECE maj only. Conc reg C&I 314 rec. 2.5 maj and overall GPA. C&I 281 req. Incl Clin Exp: 45 hrs, Type 1-5. Formerly CORE II.

Study of early literacy/language instruction. Also integrated in Core II are music and drama methods for young children 0-8 yrs.

- 283 CORE III EARLY CHILDHOOD** 8 F,S
ECE maj only. C&I 282 req; conc reg 331 rec. 2.5 maj and overall GPA. Adm to Teacher Ed req. Incl Clin Exp: 45 hrs, Type 1-5. Formerly CORE III. Materials charge optional.

Materials and methods of teaching art, mathematics, science, and social studies.

- 301 PREKINDERGARTEN EDUCATION** 3 Summer
Not for cr if ECE maj. Incl Clin Exp: 18-20 hrs, Type 1-5. Formerly PREKINDERGARTEN EDUCATION PRINCIPLES AND PRACTICES.

Principles and practices of planning, teaching, and evaluating prekindergarten programs. Emphasizes the value of play, living-learning experiences, activities, and materials.

- 303 READING METHODS** 3 F,S
C&I 220 req. Incl Clin Exp: 40 hrs, Type 1, 2, 9, 10. Formerly SED 301, ADVANCED READING METHODS.

Supervised school experiences in assessment and instruction in reading.

- 304 EARLY LITERACY LEARNING** 3 F,S
ECE maj/min only. Incl Clin Exp: 5 hrs, Type 1, 6, 9, 10. Formerly SED 304, READING DEVELOPMENT FOR EARLY ELEMENTARY.

Study of early literacy learning and literacy instruction.

- 306 EARLY ADOLESCENCE LITERACY LEARNING** 3 F,S
Middle Level Teacher Education maj only. Incl Clin Exp: 20 hrs, Type 1, 6, 9, 10. Formerly SED 306, READING DEVELOPMENT FOR EARLY ADOLESCENT.

Study of early adolescent literacy learning and instruction.

- 312 URBAN FIELD EXPERIENCE** 6 Summer
Incl Clin Exp: 100 plus hrs, Type 1-4.

An off-campus, community-based experience in urban schools, local community agencies and state and private institutions serving youth.

- 314 LEARNING, ENVIRONMENTS, AND ASSESSMENT FOR YOUNG CHILDREN** 3 F,S
ECE maj only. Conc reg C&I 282.

Study of how young children learn, their environmental surroundings and formal/informal assessment techniques for 0-8 yr.

- 319 STUDY OF BILINGUAL/BICULTURAL EDUCATION** 3 F,S
Theory, research, and practice in bilingual/bicultural education.

- 320 BILINGUAL/BICULTURAL PROGRAM DESIGN AND IMPLEMENTATION** 3 F,S
Emphasizes the process of developing a bilingual program, and examines the alternatives available at each stage.

- 331 HISTORY AND PHILOSOPHY OF EARLY CHILDHOOD EDUCATION** 3 F,S
Conc reg in C&I 283 req.

Emphasis given to major events and theories having an impact on Early Childhood Education in its contemporary form.

- 332 URBAN EDUCATION** 3 Summer
Incl Clin Exp: 15-20 hrs, Type 1-4.

Problems of educating students living in inner city. Student characteristics, needed teacher skills and attitudes, instructional materials, techniques, school and community programs.

- 333 MIDDLE LEVEL CURRICULUM** 3 F,S
Middle Level Teacher Education maj only or cons prog coord. C&I 233 req. 2.5 overall and maj GPA req. Conc reg C&I 390 and 395 req. Formerly JUNIOR HIGH/MIDDLE SCHOOL.

Curriculum designs, principles of curriculum development, and problems encountered by practitioners in early adolescent education.

- 351 SCIENCE METHODS FOR THE MIDDLE SCHOOL** 3 S
Middle Level Teacher Education maj only or cons prog coord. C&I 233 req.

Strategies for teaching science which center around developing scientific literacy principles in the young adolescent child.

- 352 SOCIAL STUDIES METHODS FOR THE MIDDLE SCHOOL** 3 F
Middle School maj only or cons prog coord. C&I 233 req. Incl Clin Exp: 10 hrs, Type 1-4.

Methods of social studies instruction for pre-service middle school teachers. Includes examination and use of instructional strategies and curriculum materials.

- 390 MIDDLE LEVEL STRATEGIES AND RESOURCES** 3 F,S
Middle Level Teacher Education maj only or cons prog coord. C&I 233 or cons inst req. 2.5 overall and maj GPA req. Adm to Teacher Ed req. Incl Clin Exp: 60 hrs, Type 1-5. Conc reg C&I 333 and 395 req. Formerly JUNIOR HIGH/MIDDLE SCHOOL CURRICULUM.

Methods and materials for teaching-learning experiences at this school level; instructional strategies; classroom management; guidance techniques; and pupil evaluation.

- 395 CURRENT TOPICS AND ISSUES IN MIDDLE LEVEL EDUCATION** 3 F,S
Middle Level Teacher Education maj only or cons prog coord. C&I 390 or conc reg req. 2.5 overall and maj GPA req. Conc reg C&I 333 and 390 req. Formerly CURRICULAR DESIGNS, EVALUATION AND PROBLEMS IN EARLY ADOLESCENT EDUCATION.

Philosophy, functions, curricula of young adolescent education as implemented in junior high/middle schools. Relationships between pupils' developmental characteristics, needs, and behaviors and development of school programs. Problems, issues, evaluation and accreditation of junior high/middle schools.

**398 PROFESSIONAL PRACTICE: SCHOOL/
COMMUNITY INVOLVEMENT 2-6**

EDUCATIONAL ADMINISTRATION AND FOUNDATIONS (EAF) 590

331 DeGarmo Hall, (309) 438-5422

Chairperson: Dianne Ashby.

Tenure/Tenure-track Faculty:

Distinguished Professors: Baker, Hines.

Professors: Eisele, Pancrazio, Riegle, K. Strand, Vogt.

Associate Professors: Ashby, Hecht, Klass, Mogilka, Padavil, Palmer.

Assistant Professors: Adkins, Azinger, Boschini, Lugg, Martindale.

General Department Information

The Department of Educational Administration and Foundations offers courses at the undergraduate level to facilitate Teacher Education programs. For a complete description of the Department's graduate program and offerings, consult the *Graduate Catalog*.

Educational Administration and Foundations Courses

**228 SOCIAL FOUNDATIONS 3 F,S,Summer
60 hrs req.**

Education as a social process and function, social origins of contemporary educational problems.

**231 INTRODUCTION TO
PHILOSOPHY OF EDUCATION 3 F,S,Summer
60 hrs req.**

Philosophical inquiry into educational policies and practices.

**235 HISTORICAL FOUNDATIONS 3 F,S,Summer
60 hrs req.**

Inquiry into the history of American public schooling.

SPECIAL EDUCATION (SED) 591

533 DeGarmo Hall, (309) 438-5419

Chairperson: Paula Smith.

Tenured/Tenure-track Faculty:

Distinguished Professor: Morreau.

Professors: Aloia, Bowen, Crowley, Lian, McCarty, Smith, Tucker.

Associate Professors: Glenn, Lartz.

Assistant Professors: Bakken, DeMario, Fiedler, Fulk, Hutchins, Noyes, Thompson, Wall.

General Department Information

Admission to Special Education Programs:

The undergraduate Special Education program is a selective admission program with a limited number of students admitted to each of the sequences. Students desiring to be admitted to the Special Education program must be admitted to a sequence. For a limited number of students who are unsure of the category of individuals with disabilities with whom they wish to work, there is a General Special Education category. All Special Education undergraduates must have declared a sequence before admission to Teacher Education or no later than the fall semester of their junior year. An overall GPA of 2.5 is required for retention in all Special Education programs.

Students desiring to change their major to Special Education should follow the procedures described in this *Undergraduate Catalog*.

Changes in major or sequence will be approved only if there are openings in the sequence the student desires to enter.

Professional Requirements Applicable to All Special Education Programs:

All students in Special Education complete 22 to 40 hours of Professional Requirements, specified for each of the following sequences, in addition to the requirements for their specific sequence. Students in STT 399 (Student Teaching) receive 16 hours of credit. Undergraduates in Special Education must be admitted to Teacher Education prior to enrolling in the following courses: SED 223, 224, 244, 245.02, 245.03, 245.04, 245.05, 245.06, 245.07, 245.08, 245.09, 245.10, 345, 349, 351, 354, 355, 358, 359, 376, and 378.

FIELD EXPERIENCES IN SPECIAL EDUCATION

Field experiences are provided in off-campus clinical teaching centers, in local schools and campus laboratory schools, in agencies and other approved non-school settings. All students must have a minimum of 100 clock hours of approved field experiences prior to assignment of Student Teaching; students must provide their own transportation to all field experience and student teaching sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Special Education Programs

Degrees Offered: B.S., B.S. in Ed.

MAJOR IN SPECIAL EDUCATION

Deaf and Hard of Hearing Sequence:

- 42 hours required in addition to Professional requirements. Part of entitlement program leading to certification: Special K-12.
- Required courses: ENG 243; PAS 115, 211, 349, 350, 351; SED 130, 230, 330, 353, 354, 355, 359, 370, 375.
- Professional requirements: 39 hours including C&I 210 or PSY 112 or PSY 113; C&I 220; C&I 270 or 390; EAF 228 or 231 or 235; PSY 234; SED 145, 245.08, 245.09, 245.10; STT 399 (16 hrs).
- Of the 16 hours of STT 399 required in this sequence, 8 hours must be at the elementary level, and 8 hours must be at the junior high/high school level. One placement must be in a residential school (usually out-of-state).
- Admission to Teacher Education is required prior to enrollment in SED 354, 355, 359 and 375.
- Grade of C or higher in SED 130, 230, 245.08, 245.09, 245.10, 330, 353, 354, 355, 359, 370, 375 and a passing score on the sign language proficiency exam required before student teaching.

Learning and Behaviorally Disordered Sequence:

- Sequence requirements: 52 hours in addition to Professional requirements. Part of entitlement program leading to certification: Special K-12.
- Required courses: at least 6 hours of Mathematics electives; PAS 115; PSY 234, 247; C&I 220; C&I 270 or 390; C&I 303; SED 221, 223, 224, 363, 370, 380; 6 hours req from: ART 101, 207; COM 240; C&I 110, 232; ENG 170, 271, 272; FCS 310; HPR 222, 225, 349, 359, 370, 372, 374, 386; MUS 371; PSY 333, 360; SED 109, 313, 314, 315, 360; SWK 323, 365.
- Professional requirements: 31 hours including C&I 210 or PSY 112 or 113; EAF 228 or 231 or 235; SED 145, 245.06, 245.07; STT 399 (16 hrs).
- Of the 16 hours of STT 399 required in this sequence, 8 hours must be at the elementary level, and 8 hours must be at the junior high/high school level.
- Admission to Teacher Education is required prior to enrollment in SED 223, 224, 245.06, 245.07, and 363.
- Grade of C or higher in C&I 303; SED 221, 223, 224, 245.06, 245.07, 363, 370 required before student teaching.

Mentally Handicapped, Educable Sequence:

- Sequence requirements: 52 hours in addition to Professional requirements. Part of entitlement program leading to certification: Special K-12.
- Required courses: at least 6 hours of Mathematics electives; PAS 115; PSY 234; C&I 220; C&I 270 or 390; C&I 303; SED 221, 223, 224, 343, 363, 370, 380; 6 hours req from: ART 101, 207; COM 240;

C&I 110, 232; ENG 170, 271, 272; FCS 310; HPR 222, 225, 349, 359, 370, 372, 374, 383; MUS 371; PSY 333, 360; SED 109, 313, 314, 315, 360; SWK 323, 365.

- Professional requirements: 31 hours including C&I 210 or PSY 112 or PSY 113; EAF 228 or 231 or 235; SED 145, 245.06, 245.07; STT 399 (16 hrs).
- Of the 16 hours of STT 399 required in this sequence, 8 hours must be at the elementary level, and 8 hours must be at the junior high/high school level.
- Admission to Teacher Education is required prior to enrollment in SED 223, 224, 245.06, 245.07, and 363.
- Grade of C or higher in C&I 303; SED 221, 223, 224, 245.06, 245.07, 343, 363, 370 required before student teaching.

Moderate, Severe, or Multiple Disabilities Sequence:

- Sequence requirements: 33 hours required in addition to Professional requirements. Part of entitlement program leading to certification: Special K-12.
- Required courses: SED 343, 370, 371, 372, 373, 376, 377, 378, 379, 380, 381.
- Professional Education requirements: 37 hours including SED 145, 245.01, 245.02, 245.03; C&I 210 or PSY 112 or 113; EAF 228 or 231 or 235; STT 399 (16 hrs).
- Admission to Teacher Education is required prior to enrollment in SED 245.02, 245.03, 245.05, 376, 377, and 378.
- Grade of C or higher in SED 343, 370, 371, 372, 373, 376, 377, 378, 379, 380, and 381 required before student teaching (STT 399).

Visual Disabilities Sequence:

- Sequence requirements: 45 hours required in addition to Professional requirements. Part of entitlement program leading to certification: Special K-12.
- Required courses: BTE 108 or department proficiency examination; C&I 303; ENG 170; PAS 115; at least 5 hours of Mathematics electives; SED 245.04, 326, 350, 351, 352, 356, 357, 358, 370; 3 hours required from SED 343, 371, 372, 373, 378, 380.
- Professional requirements: 34 hours including C&I 210 or PSY 112 or PSY 113; C&I 220; C&I 270 or 390; EAF 228, 231, or 235; PSY 234; SED 145; STT 399 (16 hrs).
- Of the 16 hours in STT 399, 8 hours must be at the elementary level and 8 hours must be at the junior high/secondary level.
- Admission to Teacher Education is required prior to enrollment in SED 245.04, 351, and 358.
- A grade of C or higher in SED 245.04, 350, 351, 352, 356, 357, 358, and 370 is required for student teaching.

Concentration in Criminal Justice Sciences:

A B.S. in Education with a concentration in Criminal Justice Sciences requires completion of the Special Education Major in Learning and Behavioral Disorders, or Educable Mentally Handicapped plus 12 hours in the Department of Criminal Justice Sciences as determined by the advisement process.

Special Education Courses

109 HELPING RELATIONSHIPS 3 F,S

2 hrs lecture; 2 hrs lab.

Development of human relations skills used in interpersonal communication.

130 AMERICAN SIGN LANGUAGE I 2 F,S

Lab experience req. Formerly SED 330, *THE LANGUAGE OF SIGNS AND FINGERSPELLING*.

Introduce basic vocabulary, grammatical structure, and characteristics of American Sign Language. Examine application of American Sign language in social and educational settings.

145 INTRODUCTION TO SPECIAL EDUCATION 3 F,S

Incl Clin Exp: Approx 10-12 hrs, Type 1.

Provides survey of all areas in special education related to services for individuals with disabilities.

221 FUNDAMENTALS OF TEACHING SPECIAL EDUCATION 3 F,S

SED 145 req. Maj only or cons dept chair req. Incl Clin Exp: Approx 10 hrs, Type 1 and 10. Students responsible for trans to Clin sites. Materials charge optional.

Introduction to teaching in special education including legal aspects, structure of services, roles of the teacher, background knowledge in classroom management/remediation.

223 EDUCATIONAL ASSESSMENT OF STUDENTS WITH MILD DISABILITIES (LD/BD/EMH) 3 F,S

PSY 234 req. Maj only or cons dept chair req. Adm to Teacher Ed req. Materials charge optional.

Techniques for gathering, analyzing and utilizing assessment data to develop individualized educational programs for mildly disabled children and youth.

224 CURRICULUM AND METHODS FOR TEACHING STUDENTS WITH MILD DISABILITIES (LB/BD/EMH) 6 F,S

SED 221, 223, 370, and C&I 270 or 390, and 303 req. Conc reg in SED 363. Maj only or cons dept chair req. Adm to Teacher Ed req. Part of field-based programs offered in Bloomington/Normal, Peoria, and Chicago Area, IL. Students must provide own trans to field sites. An app must be filed for acceptance to one of the field-based programs. Materials charge optional.

Curriculum and materials for teaching academic and social skills; direct and systematic instruction, evaluation/adaptation of materials and media.

230 AMERICAN SIGN LANGUAGE II 2 F,S

SED 130 or cons dept chair req. Lab experience req. Formerly SED 331, *CONVERSATIONAL SIGN LANGUAGE*.

Expands vocabulary, grammatical structure, and characteristics of American Sign Language. Conversational usage in both receptive and expressive communication is stressed.

245 FIELD WORK IN SPECIAL EDUCATION 1-6 F,S

Adm to Teacher Ed. req. May be repeated. Incl Clin Exp: 30-400 hours, Type 1-4. Students responsible for trans to Clin sites.

Supervised Clin Exp in Special Ed programs in schools, clinical facilities, community agencies, residential institutions. Topic .01 Intro to MSMD; Topic .02 Teaching in MSMD; Topic .03 Best Practices in MSMD; Topic .04 Visual Impairments; Topic .05 Educ of S/PHC; Topic .06 EMH; Topic .07 LD/BD; Topic .08 Deaf and Hard of Hearing-Language; Topic .09 Deaf and Hard of Hearing-Speech; Topic .10 Deaf and Hard of Hearing-Reading and School Subjects.

313 SPECIAL ADAPTATIONS FOR INDIVIDUALS WITH VISUAL DISABILITIES 1 F

Not for cr to students specializing in Visual Disabilities.

Implications of visual disabilities for the individual in educational, travel, vocational and other settings.

314 SPECIAL ADAPTATIONS FOR INDIVIDUALS WITH PHYSICAL DISABILITIES 1 F

Not for cr to students specializing in Physical Disabilities. Incl Clin Exp: approx 6 hrs, Type 1 and 6.

Implications of physical disabilities for the individual in educational, travel, vocational, and other settings.

315 SPECIAL ADAPTATIONS FOR INDIVIDUALS WITH HEARING DISABILITIES 1 F

Not for cr to students specializing in Hearing Disabilities. Incl Clin Exp: approx 2 hrs, Type 1.

Implications of hearing disabilities for the individual in educational, travel, vocational, and other settings.

326 BRAILLE WORD PROCESSING 1 S

SED 352, 356, or cons dept chair req. Materials charge optional.

Paperless braille word processing hardware as a stand-alone system and interfaced with braille embossers, inkprint printers, other peripherals; use of Grade 2 transcription.

330 ENGLISH SIGN SYSTEMS 3 F,S

SED 130, 230; lab req.

Examines the use of visual English systems in educational settings. Introduces basic school vocabulary and characteristics of English sign systems. Includes sign proficiency exam required for student teaching.

343 MENTAL RETARDATION 3 F,S

Medical, psychological and sociological characteristics and behavior of individuals with mental retardation. Methods of classification, etiology and rehabilitative aspects.

346 EDUCATION OF STUDENTS WITH MILD MENTAL RETARDATION 3 S

SED 343 or cons dept chair req. Materials charge optional.

Objectives, curriculum, and methods for teaching individuals with mild cognitive disabilities.

350 INTRODUCTION TO VISUAL DISABILITIES 4 S

SED 145 or cons dept chair req. Incl Clin Exp: approx 10 hrs, Type 1.

Impact of visual impairments on development; basic anatomy of the eye; types, causes, and educational implications of eye disorders; educational programming.

351 EDUCATION AND ASSESSMENT OF STUDENTS WITH VISUAL DISABILITIES 3 F

SED 350 and 356, or cons dept chair req. Adm to Teacher Ed req.

Application of educational diagnosis to educational programming and instruction of individuals with visual disabilities.

352 BRAILLE READING AND WRITING 3 F

Cons dept chair req. Materials charge optional.

Preparation in reading and writing using the Braille Literary Code. Includes an introduction to Braille Textbook Format.

353 EDUCATION OF DEAF STUDENTS 2 F,S

SED 145 or cons dept chair req. Incl Clin Exp: approx 10 hrs, Type 1.

Psychological, social, historical, and educational problems relating to education of individuals with hearing impairments.

354 TEACHING LANGUAGE TO DEAF AND HARD OF HEARING STUDENTS 3 F,S

SED 130, 230, 330, 353 or cons dept chair req. Conc reg in SED 245.08. Adm to Teacher Ed req. Formerly SED 355, THE TEACHING OF LANGUAGE TO DEAF STUDENTS.

Principles and techniques of developing and teaching language to deaf and hard of hearing students at all grade levels, K-12.

355 TEACHING SPEECH TO DEAF AND HARD OF HEARING STUDENTS 3 F,S

SED 354 and PAS 211 or cons dept chair req. Conc reg in SED 245.09 req. Adm to Teacher Ed req. Formerly SED 354, THE TEACHING OF SPEECH TO DEAF STUDENTS.

Principles and techniques of developing and teaching speech to hearing impaired students at all grade levels, K-12.

356 COMMUNICATION SKILLS FOR STUDENTS WITH VISUAL DISABILITIES 3 S

SED 352 req. Materials charge optional.

Preparation in reading and writing using Nemath Code in teaching mathematics and communication skills to individuals with visual disabilities.

357 ORIENTATION AND MOBILITY FOR CLASSROOM TEACHERS 2 S

Practicum in basic daily living skills and rudimentary mobility techniques for individuals with visual disabilities.

358 READING AND LANGUAGE ARTS FOR STUDENTS WITH VISUAL DISABILITIES 3 F

C&I 220 and 303; SED 350 and 352 req. Adm to Teacher Ed req. Formerly READING BY BRAILLE AND OPTACON.

Development of competencies to teach reading and language arts to students who use print, braille, and auditory media. Instructional techniques and materials emphasized.

359 TEACHING READING AND SCHOOL SUBJECTS TO DEAF AND HARD OF HEARING STUDENTS 3 F,S

SED 354 req. Conc reg in SED 245.10 req. Adm to Teacher Ed req. Formerly THE TEACHING OF SCHOOL SUBJECTS TO DEAF STUDENTS.

Teaching reading and other core subjects to deaf and hard of hearing students at all grade levels.

362 BASIC SKILLS IN COUNSELOR EDUCATION 3 F,S

Lecture and lab.

Introduction to, and laboratory practice in, the basic procedures and skills of counseling.

363 FAMILY COUNSELING 3 F,S

Theories and techniques of child-management, consultation procedures, parent and family education, and counseling.

370 APPLIED BEHAVIOR ANALYSIS IN SPECIAL EDUCATION 3 F,S

May Incl Clin Exp: approx 10-12 hrs, Type 1-4. Formerly INSTRUCTIONAL PROGRAMMING FOR STUDENTS WITH DISABILITIES.

Procedures for determining individual behavioral needs, designing instructional sequences, implementing behavior change programs, and evaluating effects of programs for individuals with disabilities.

371 SYSTEMATIC INSTRUCTION FOR INDIVIDUALS WITH DISABILITIES 3 F,S

SED 145 or equiv; SED 343; conc reg in SED 245.01 or cons dept chair req. Formerly SED 345 EDUCATION OF STUDENTS WITH MODERATE/SEVERE MENTAL RETARDATION.

Classroom or program organization strategies, teaching methods, and materials for curriculum content areas appropriate for individuals with disabilities.

372 EDUCATIONAL ASSESSMENT OF INDIVIDUALS WITH DISABILITIES 3 F,S

Formerly EDUCATIONAL ASSESSMENT OF INDIVIDUALS WITH SEVERE AND PROFOUND DISABILITIES.

Application of diagnostic skills to the assessment of severely and profoundly disabled individuals, designing individualized programs, and evaluating client progress and program effectiveness.

373 FAMILY-PROFESSIONAL COLLABORATION 3 S
Formerly SPECIAL EDUCATIONAL INTERVENTION WITH PARENTS OF INDIVIDUALS WITH DISABILITIES.

Theoretical and practical aspects of collaborating with families of individuals with disabilities.

374 EDUCATIONAL ASSESSMENT OF PRESCHOOL CHILDREN WITH DISABILITIES 3 F,S
SED 145 or cons dept chair req.

Techniques and issues involved in gathering, analyzing and synthesizing data for developing and monitoring individualized educational programs for preschool children with disabilities.

375 ASSESSMENT AND PLANNING FOR DEAF AND HARD OF HEARING STUDENTS 3 F,S
PSY 234; SED 354, 355 and 359, or 359 conc reg req.

Examines assessment tools and techniques for developing an individualized educational program for students who are deaf and hard of hearing.

376 CURRICULUM FOR INDIVIDUALS WITH DISABILITIES 3 F,S
SED 145 or equiv; conc reg in SED 245.02 or cons inst req. Adm to Teacher Ed req. Formerly SED 244 CURRICULUM DEVELOPMENT FOR STUDENTS WITH MODERATE/SEVERE MENTAL RETARDATION.

Analysis and implementation of curricular approaches related to characteristics and educational needs of individuals with severe and multiple disabilities.

377 COMMUNICATION STRATEGIES FOR INDIVIDUALS WITH DISABILITIES 3 F,S
SED 145 or equiv req.

Issues, intervention strategies, and technologies that can impact the communication skills of individuals with disabilities.

378 INDIVIDUALS WITH PHYSICAL DISABILITIES AND/OR SPECIAL HEALTH CARE NEEDS 3 F,S
SED 145 or equiv; conc reg in SED 376 or cons dept chair req. Adm to Teacher Ed req. Formerly SED 385 PHYSICAL DISABILITIES; SURVEY AND REHABILITATION.

Understanding and application of characteristics, identification, and intervention strategies to the educational assessment, programming, and teaching of individuals with physical disabilities and/or special health care needs.

379 ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH DISABILITIES 3 F,S
SED 145 or equiv or cons dept chair.

Overview of a wide range of assistive technology devices and services for individuals with disabilities. Demonstration of devices, laboratory experiences, and identification of funding sources.

380 TRANSITION FROM SCHOOL TO ADULT LIFE 3 F,S
Formerly EMPLOYMENT ANALYSIS FOR INDIVIDUALS WITH DISABILITIES. Materials charge optional.

Examining postsecondary options, developing vocational/career education programs and synthesizing employment opportunities for individuals with disabilities.

381 STRATEGIES FOR PROMOTING SUCCESS IN INCLUSIVE SCHOOL AND COMMUNITY SETTINGS 3 F,S
SED 145 or equiv or cons dept chair req.

Theories, practices, and social/environmental considerations of effective programming for learners with exceptionalities in general education settings, collaboration and consultation methods, classroom adaptations, and strategies for facilitating appropriate and social interactions.-



COLLEGE OF FINE ARTS

Dean: Roosevelt Newson, 116 Center for the Visual Arts.

The primary function of the College of Fine Arts and its Departments of Art, Music, and Theatre, and its program in Arts Technology is to provide professional education in the Arts for students desiring professional careers in select areas of the arts and for students preparing to be elementary, secondary, and college teachers. Various areas of concentration in undergraduate and graduate studies, including B.A., B.S., B.F.A., B.M., B.M.E., M.A., M.S., M.F.A., and M.M. programs, provide comprehensive and flexible curricula for a variety of student talents and interests. Among the individualized programs available are contract majors in such areas as Theatre Management and Musical Theatre. The College also provides a cultural environment through the performing and visual arts for the campus, community, and region.

ART (ART) 562

119 Center for the Visual Arts, (309) 438-5621

Chairperson: Ron Mottram.

Tenured/Tenure-track Faculty:

Distinguished Professors: Anderson, Butler.

Professors: Boyd, Finch, Malone, Mottram, Stefl, Walker.

Associate Professors: Appel, Archer, Blum, Bushell, Fisher, French, Iorio, Jackson, Kukla, McKinney, Rankin, Suhr, Tanura, Wax.

Assistant Professors: Caulfield, Douglas, Johnson, Justis, Lee, Parks, Richards, Sacaridiz, Stewart.

General Department Information

The Department of Art is accredited in Division I by the National Association of Schools of Art and Design.

HONORS IN ART

Art majors and B.F.A. candidates with superior academic records are invited to apply for admission to the Department of Art Honors Program. Students successfully completing the Honors Program will receive the designation of Honors in Art in their field of study upon graduation. The student's official academic transcript and diploma will be so noted.

Admission Requirements:

The candidate must:

- Be a declared Art major or admitted to the B.F.A. program with at least 60 and not more than 90 hours of course work completed.
- Have a minimum 3.3 overall GPA;
- Have a minimum 3.5 overall Art Department GPA;
- Submit a letter of recommendation from a faculty member in the student's sequence (General Art, Studio Arts, Graphic Design, Art History, Teacher Education);
- Have demonstrated evidence of leadership by participating in student organizations or entering exhibitions or receiving recognition for written work;
- Submit a letter of application to the Art Department Honors advisor.

Honors Program Requirements:

- Successfully complete a minimum of 3 hours of Art Department honors courses each semester for a total of 12 honors hours prior to graduation (2 specific honors courses; 2 honors independent study—299 courses);
- Initiate and complete a research project or honors portfolio under the direction of a faculty member in the student's sequence;
- Maintain a 3.3 overall GPA;
- Maintain a 3.5 Art Department GPA;
- Receive no grade less than B in any Art course while enrolled in the program;
- Fulfill the general requirements for participation in the University Honors Program.
- **NOTE:** Once admitted to the Art Department Honors Program, the honors candidate will be advised by the Art Department honors advisor, who must approve the candidate's course of studies each semester.

Art Programs

Degrees Offered: B.A., B.S.

MAJOR IN ART

General Art Sequence:

Degrees Offered: B.A., B.S.

The General Art Sequence emphasizes breadth of competence in Art, developing basic knowledge, skills, and understanding in various visual arts disciplines. This sequence serves the needs of students interested in a traditional liberal arts education or a second major.

- 42 hours in Art required, as follows:
- 15 hours Foundations: ART 103, 104, 109, 155, 156.
- 18 hours required sequence courses: ART 257; 6 hours from 224, 228, 232, 240, 255; 6 hours from 213, 226, 235, 245, 246, 261; any 300-level Art History course.
- **NOTE:** ART 201, 211, 309 do not count toward the major.
- 9 hours Art electives at the 200-level or, with consent of the Department, at the 300-level, 6 hours of which must be in the Studio Arts.

Studio Arts Sequence:

Degrees offered: B.A., B.S.

The Studio Arts Sequence contains required Foundations and other courses common to the Studio Arts disciplines (ceramics, drawing, fibers, glass, intaglio, lithography, metalwork and jewelry design, painting, photography, and sculpture), but also provides a program of intensive study within one of these areas of the visual arts. This sequence prepares students to work as visual arts professionals or pursue graduate study.

- 54 hours in Art required as follows:
- 15 hours Foundations: ART 103, 104, 109, 155, 156.
- 21 hours required sequence courses: ART 257; the initial course in the student's intended area of concentration (see

below); 6 hours in 3-dimensional and 6 hours in 2-dimensional art (as specified according to the concentration requirements below); any 300-level Art History course.

- **NOTE:** ART 201, 211, 309 do not count toward the major.

Initial Course in Area of Concentration and 3-D/2-D Requirements by Concentration (listed in that order):

Ceramics Concentration: ART 228; 232 and 233; 213 and 214.

Drawing Concentration: ART 213; 232 and 3 hours from 224, 228, 240, 255; 245 or 246 and 261.

Fibers Concentration: ART 240; 6 hours from 224, 228, 232, 255; 6 hours from 213, 226, 261.

Glass Concentration: ART 255; 228 and 232; 6 hours from 213, 235, 245 or 246, 261.

Intaglio Concentration: ART 245; 232 and 3 hours from 224, 228, 240, 255; 213 and 261.

Lithography Concentration: ART 246; 232 and 3 hours from 224, 228, 240, 255; 213 and 261.

Metalwork and Jewelry Design Concentration: ART 224; ART 228 and 232; 6 hours from ART 213, 226, 261.

Photography Concentration: ART 235; 6 hours from 224, 228, 232, 234, 240, 255; 6 hours from 213, 226, 245 or 246, 261.

Painting Concentration: ART 261; 232 and 3 hours from 224, 228, 240, 255; 213, and 245 or 246.

Sculpture Concentration: ART 232; 6 hours from 224, 228, 234, 240, 255; 213 and 261.

Admission to a Concentration:

- After the first course in any area of concentration in the Studio Arts Sequence, and after completing the prerequisites for, but before being accepted into the second course in that concentration, the student will undergo screening of supportive materials by the faculty involved with the specific concentration. In addition, in order to continue in the sequence concentration students must have achieved and must maintain a cumulative and major GPA of 2.5.
- 18 hours Concentration courses and Art electives at the 200- or 300-level. Students must take the courses specified below for each concentration, plus appropriate Art electives at the 200- or 300-levels to total 18 hours. Students should consult the Department advisor for selection of appropriate Art electives.

Ceramics Concentration: ART 229 and 328.

Drawing Concentration: ART 214, 313, and 331.

Fibers Concentration: ART 241 and 340.

Glass Concentration: ART 355.

Intaglio Concentration: ART 345.

Lithography Concentration: ART 346.

Metalwork and Jewelry Design Concentration: ART 225 and 324.

Photography Concentration: ART 236, 335, and 383.

Painting Concentration: ART 262, 263, and 361.

Sculpture Concentration: ART 233 and 332.

- **NOTE:** 300-level concentration courses may be repeated.

Graphic Design Sequence:

Degrees offered: B.A. B.S.

The Graphic Design Sequence includes training in the fundamentals of Studio Art and Art History, but also a concentrated program of study that prepares students to enter the competitive field of Graphic Design.

- 54 hours in Art required, as follows:
- 15 hours Foundations: ART 103, 104, 109, 155, 156.
- 39 hours required sequence courses: ART 213, 226, 227, 231, 235, 257, 315 (3 hrs), 326, 336, 388 (3 hrs); 3 hours from 224, 228, 232, 234, 240, 255; 3 hours from 245, 246, 261, 359; any 300-level Art History course.
- **NOTE:** ART 201, 211, 309 do not count toward the major.

Admission Requirements:

Students will be allowed to continue in the Graphic Design Sequence who have completed ART 226, have met and continue to maintain a cumulative and major 2.5 GPA, and have demonstrated competency through a portfolio review. The number of students admitted may vary depending on program capacity and qualifications of students in the pool. Consult the Department of Art for further information on admission to the Graphic Design Sequence.

Art History Sequence:

Degrees offered: B.A.

The Art History Sequence provides students a basic grounding in the studio traditions, but also a broad awareness of art history on both introductory and advanced levels. In addition, the sequence includes exposure to related non-art disciplines, training in foreign language, and further experience in advanced research skills, all of which are necessary for effective graduate work.

- 54 hours in Art required, as follows:
- 15 hours Foundations: ART 103, 104, 109, 155, 156.
- 33 hours required sequence courses: ART 140, 257; 3 hours from ART 224, 228, 232, 240, 255; 3 hours from ART 213, 226, 235, 245, 246, 261; 395; 18 hours from 300-level Art History courses, including at least 1 course from each of the following 4 broad historical periods:
 - I. Ancient/Medieval: ART 366, 367, 368, 369.
 - II. Renaissance/Baroque: ART 375, 376, 377.
 - III. Modern: ART 372, 378, 379, 383, 385.
 - IV. American: ART 380, 381, 382.
- 6 hours Art electives.
- Recommended University Studies and general electives: ENG 249; HIS 101, 102; minimum of 3 semesters (12 hrs) French or German; at least 8 hours of courses in related fields offered by the following departments: History, Music, Literature, Philosophy, Anthropology, Theatre.

Admission Requirements:

Students will be allowed to continue in the Art History Sequence who have completed ART 257 and have met and continue to maintain a cumulative and major GPA of 2.5. ART 201, 211, 309 do not count toward the major.

Teacher Education Sequence:

Degree offered: B.S.

The Teacher Education Sequence program emphasizes Art knowledge, studio techniques, and classroom skills needed for teaching Art. This program provides for acquisition of knowledge, attitudes and skills necessary for effective performance as an Art teacher or Art supervisor. Students completing this sequence are eligible to apply for K-12 teaching certificate in the State of Illinois.

- 76 hours in Art required (including Professional Education requirements). Part of entitlement program leading to certification: Special K-12. All Art majors planning to become certified teachers must apply for and be admitted to the University Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). A 2.5 cumulative and major GPA is required for admission and retention in this sequence.
- 54 hours in Art required, as follows:
- 15 hours Foundations: ART 103, 104, 109, 155, 156.
- 33 hours required sequence courses: ART 201, 211, 257, 307, 309 (2 consecutive semesters starting in the fall); 6 hours from 224, 228, 232, 240, 255; 6 hours from 213, 226, 235, 245, 246, 261; 1 Art History course from 100-, 200-, or 300-level (other than 155, 156, 257).
- 6 hours Art electives.
- 22 hours Professional Education requirements: C&I 214, 215, 216; PSY 215; EAF 228 or 231 or 235; STT 399.

MINOR IN ART**Art History Sequence:**

- 24 hours in ART required, as follows:
- 12 hours required courses: ART 140, 155, 156, 257.
- 12 hours of electives in 300-level Art History courses, as follows: ART 351.30, 366, 367, 368, 369, 372, 375, 376, 377, 378, 379, 380, 381, 382, 383, 385, 395, and 398.08.

General Art Sequence:

- 23 hours in Art required, as follows:
- 9 hours required courses: ART 103, 104, 109.
- 6 hours from ART 155, 156, 257.
- 8 hours of electives in ART.
- **NOTE:** ART 201, 211, and 309 do not count toward the minor.

Teacher Education Sequence:

- 26 hours in Art required, as follows:
- 9 hours required courses: ART 103, 104, 109.
- 3 hours from ART 155, 156, 257.
- 3 hours of ART 309.
- 3 hours of ART 201 or 211.
- 8 hours of Art courses from 228, 232, 234, 261.
- Endorsements earned: Junior High School Endorsement and High School Endorsement in Art.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of

approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Arts Technology Program

Director: Shari Zeck, 116 Center for the Visual Arts
(309) 438-8321

Degrees Offered: B.A., B.S.

MAJOR IN ARTS TECHNOLOGY

The major in Arts Technology is a 55-hour interdisciplinary program in the College of Fine Arts that emphasizes theory, design, and practice in the application of computer technology to art, music, and theatre. The degree provides undergraduate training and experiences in arts technology to better prepare students with a broad range of knowledge and skills in multimedia design, including digital video and sound, computer graphics and theatre design, digital and MIDI music, and web design.

Admission and Retention Requirements: A student may enter the arts technology program as a new freshman, a transfer student, or as a change of major at Illinois State University. The Arts Technology program reserves the right to maintain a balanced enrollment and the number of freshman and transfer students wishing to enter the Arts Technology program may be restricted.

Students will be allowed to continue in the Arts Technology program who have completed the 11-hours Fine Arts Core and the 8-hours Arts Technology Core with grades of C or better, have met and continue to maintain a GPA of 2.5 from 300-level courses in Arts Technology curriculum with no grade less than a C, and have demonstrated competency through a portfolio review. The portfolio review will take place after completion of the Fine Arts Core of ART, MUS, or THE 276. The portfolio will contain examples of work in Arts Technology. Transfer and change of major students must meet the same course and portfolio review requirements, complete the Fine Arts and Arts Technology Core requirements, and have an overall GPA of 2.5 or better before being admitted to the program.

Academic Requirements: The 55 hours required for the degree are programmed as follows:

Fine Arts Core (11 hrs): This group of courses provides the student with a basic experience in reading and performing music, visual arts experience in drawing and design, and interdisciplinary fine arts history study: 3 hours from ART 103, 104 or 109; and 2 hours from MUS 118 or 119, 121, or 126; and 6 hours from ART 155, 156; MUS 151, 152, 156; THE 100, 170 or 171 in two different departments.

Arts Technology Core (8 hrs): This group of courses provides the student with a foundation of study in digital media and multimedia design: ART/MUS/THE 276; ART/MUS/THE 387; and ART/MUS/THE 350. (Prerequisites for 387 and 350 include completion of ART/MUS/THE 276; the Fine Arts Core; and the Arts Technology portfolio review.

Additional Fine Arts Study (18 hrs): This group of courses provides the student with fine arts training in the historical and theoretical foundations, skills, and performance and production experiences of the arts. Choose one area of Fine Arts emphasis from the departments of ART, MUS, or THE:

ART: 6 hours in addition to the ART course completed for the Fine Arts Core from ART 103, 104, or 109 and 12 hours from ART 226, 235, 236, 356, 332, 233, 261, 262, 252, or 363 **OR**

MUS: 6 hours in addition to the MUS course completed for the Fine Arts Core from MUS 118 or 119, 121, 126, or from Applied Music study (MUS 131-138 or 231-238); and 6 hours from MUS 100, 101 and 107, or 102 and 108; and 6 hours from MUS 203, 207, 265, 167, 175, 360, 205 or 305, or up to two credit hours of a music ensemble (MUS 139 or 239). Auditions may be required by the Music Department for some of these courses **OR**

THE: 18 hours from THE 102, 110, 130, 160, 119 and 120, 101, 258, 260, 261 or 344.

Additional Arts Technology Study (15 hrs): Select from the following courses after completion of the Fine Arts Core, the Arts Technology, and the Arts Technology portfolio review.

- 3 hours from MUS 353, 354, 388, or 301 with music topics; and
- 3 hours from ART 359, 301 with graphic topics, or ART/THE 388 with graphic or theatre design topics; and
- 9 hours from any of the following courses, or other courses that emphasize Arts Technology applications with approval of the program advisor (ART/MUS/THE 206; ART/MUS/THE 301; and ART/MUS/THE 388 may be repeated with different topics or experiences): ART/MUS/THE 206; ART/MUS/THE 301; ART/MUS/THE 353; ART/MUS/THE 354; ART/MUS/THE 359; ART/MUS/THE 388; ART 351.24, 253, 351.85; or THE 367.

Capstone Experience in Arts Technology (3 hrs): Internship in Arts Technology (ART/MUS/THE 398.09 or comparable culminating experience in multimedia design as approved by the program advisor (e.g. ART/MUS/THE 287 or ART/MUS THE 206).

Art Programs

Degree offered: B.F.A.

The B.F.A. Degree program is oriented toward advanced professional study in the studio arts. This program gives students the opportunity to specialize in a particular studio art discipline in preparation for graduate study for the M.F.A. Terminal Degree program.

MAJOR IN ART

- 80 hours in Art required as follows:
- 15 hours Foundations: ART 103, 104, 109, 155, 156.
- 26 hours required courses: ART 232, 235, 257, 261; 6 hours from 224, 228, 240, 255; 6 hours from 213, 245, 246; 349.
- 6 hours: any two 300-level Art History courses.
- 33 additional hours in chosen concentration selected in consultation with the program sponsor.
- **NOTE:** ART 201, 211, 309 do not count toward the major.

Students may apply to the B.F.A. Degree program during their sophomore year. Requirements for admission and retention are a 3.0 cumulative and major GPA and a portfolio review. Students seeking admission to the B.F.A. program must submit a portfolio of creative work to the Department of Art as part of the admission process. Further information on admission to the B.F.A. program is available from the Department's undergraduate academic advisor. A solo exhibition of student work during the senior year with a written supportive statement is required of all students for graduation from the B.F.A. program. The equivalent of no less than 6 semester hours of directed study will be spent in preparation for the final exhibition.

Art Courses

The Department of Art reserves the right to keep for demonstration and exhibition examples of work done by students for course requirements.

100 INTRODUCTORY ART WORKSHOP

3 F,S

Not for cr Art maj/min. Materials charge optional.

Creative problem-solving and aesthetic analysis. Art experiences including drawing, painting, printmaking, and sculpturing as well as attending art exhibits.

101 ART ACTIVITIES FOR ELEMENTARY SCHOOLS

2 F,S

Not for cr Art maj/min. Clin Exp 1-5 hrs. May Incl Clin Exp: Types 1-7 and 9. Materials charge optional.

Introduction to 2-dimensional graphic and craft materials and procedures appropriate for elementary art learning experiences; understanding the developmental stages of child art.

103 2-D FUNDAMENTALS

3 F,S

Maj only; not for minors. Materials charge optional. Formerly VISUAL ELEMENTS.

An exploration of the basic elements of design as they relate to composition and expression in graphic form.

104 DRAWING FUNDAMENTALS 3 F,S
Maj only; not for minors. Materials charge optional. Formerly BASIC DRAWING.

Concepts basic to all studio offerings. Emphasis upon making pictorial space and upon development of drawing skills; practice with traditional materials.

109 3-D FUNDAMENTALS 3 F,S
Maj only; not for minors. Materials charge optional. Formerly BASIC MATERIALS.

Use of a variety of materials to explore fundamental 3-dimensional design concepts. Introduction to the use of hand tools and power tools.

140 INTRODUCTION TO THE NATIVE ARTS OF THE AMERICAS, AFRICA, AND THE SOUTH PACIFIC 3 S

An introduction to the native art and architecture of North and South America, Sub-Saharan Africa, and Oceania.

155 SURVEY OF ART I 3 F,S
 Arts from pre-historic times to end of Medieval period, circa 1400.

156 SURVEY OF ART II 3 F,S
 Arts of the early Renaissance, circa 1400, to the end of the Baroque, circa 1775.

176 ARTS AND SOCIETY: VISUAL ARTS OC-DKCC/FA IDS 100; ENG 101; COM 110 req. 3 F,S

Examination of the relationship between the visual arts and their political/social culture.

183 PUPPETRY 3
Also offered as THE 183.

Introduction to the performance art of puppetry and its educational applications: history, staging, and construction and manipulation of hand, rod, and shadow puppets.

201 MEDIA AND TECHNIQUES FOR ELEMENTARY AND JUNIOR HIGH SCHOOLS 3 F

Art Ed maj only; others by cons dept chair. Clin Exp: 10 hrs. May Incl Clin Exp: Types 1-4, and 9. Materials charge optional.

Media, techniques, and clinical experiences suitable for elementary and junior high schools.

205 ART FOR THE CLASSROOM TEACHER 2 F,S
El Ed maj only. Jr standing. Overall GPA 2.5 req. Conc reg MUS 277 and THE 280; conc reg ART/MUS/THE 250 rec. Materials charge optional.

Theoretical, practical and experiential learning for developing awareness, knowledge and skills for future classroom teachers-grades K-9.

206 COMPUTER ARTS PERFORMANCE STUDIO 1-3 F,S, Summer
Cons instr req. May be repeated if cont different. Also offered as MUS/THE 206.

Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

207 ART FOR SPECIAL EDUCATION 3 F,S
For Specialized Educational Development students. Clin Exp 10 hrs. May Incl Clin Exp: Types 1-7, and 9. Materials charge optional.

Theory and methods of teaching art and craft activities appropriate to the needs of special education classes.

211 MEDIA AND TECHNIQUES FOR SECONDARY SCHOOLS 3 F,S

Art Ed maj only or cons dept chair req. Clin Exp: 10 hrs. May Incl Clin Exp: Types 1-4, and 9. Materials charge optional.

Media and techniques suitable for secondary school level with emphasis on the sequential development of media and techniques in relation to the maturity and growth of the adolescent.

213 LIFE DRAWING 3 F,S

ART 103, 104, and 109 req, or cons dept based on demonstration of proficiency. Materials charge optional.

Emphasis on anatomy and formal concerns. Human figure as an expressive motif within the tradition of the nude in art.

214 DRAWING COMPOSITION 3 F,S

ART 213 req, or cons dept based on demonstration of proficiency. Materials charge optional.

Further study of the human figure with emphasis upon representational complexity and a more sophisticated understanding of formal considerations.

224 METALWORK AND JEWELRY DESIGN I 3 F,S

ART 103, 104, and 109 req, or cons dept based on demonstration of proficiency. Materials charge optional.

Introduction to the tools, techniques, and fabricating process used for creating in metals.

225 METALWORK AND JEWELRY DESIGN II 3 F,S

ART 224 req. Materials charge optional.

Further exploration of fabrication and casting techniques; emphasis on surface treatment such as repousse, etching, lamination, and inlay.

226 GRAPHIC DESIGN I 3 F,S

ART 103, 104, and 109 req, or cons dept based on demonstration of proficiency. Materials charge optional.

Basic graphic design techniques. Includes study of letter forms and design procedures. Practice in rendering skills.

227 GRAPHIC DESIGN II 3 F,S

ART 226 req. Materials charge optional.

Application of design techniques to visual communications media. Emphasis on combining lettering with illustrational elements in preparation for reproduction processes.

228 CERAMICS I 3 F,S

ART 103, 104, and 109 req or cons dept based on demonstration of proficiency. Materials charge optional.

Introduction to the physical characteristics of clay. Basic handbuilding and firing processes explored. Introduction to glaze processes.

229 CERAMICS II 3 F,S

ART 228 req. Materials charge optional.

An expansion of handbuilding methods and the introduction of wheel-throwing techniques. Glazing and firing methods emphasized.

231 TYPOGRAPHY DESIGN 3 F,S

ART 226 req.

Study of typography as an element of 2-dimensional design and as a communicative tool.

232 SCULPTURE I 3 F,S

ART 103, 104, and 109 req, or cons dept based on demonstration of proficiency. Materials charge optional.

Exploration of sculpture techniques and materials within context of historical developments. Introduction to 3-dimensional spatial concerns.

233 SCULPTURE II 3 F,S*ART 232 req. Materials charge optional.*

Further exploration of sculpture techniques and materials. Advanced 3-dimensional spatial concerns presented within a context of art historical development.

234 WOOD DESIGN I 3 F,S*ART 109 req.*

Studio course exploring wood as a design medium.

235 PHOTOGRAPHY I 3 F,S*ART 103, 104, and 109 req, or cons dept based on demonstration of proficiency. Materials charge optional.*

Photography as an art form.

236 PHOTOGRAPHY II 3 F,S*ART 235 or cons inst req. Materials charge optional.*

Further study of photography as an art form. Individual exploration of techniques and subjects.

240 FIBERS I 3 F,S*ART 103, 104, and 109 req, or cons dept based on demonstration of proficiency. Materials charge optional.*

Introduction to weaving as an art form. Emphasis on technical and aesthetic development of fiber concepts using a variety of loom-controlled and non-loom-controlled structures.

241 FIBERS II 3 F,S*ART 240 req. Materials charge optional.*

Builds on the foundation of technical and aesthetic concepts presented in Weaving I. Processes such as spinning, dyeing, and complex loom-controlled structures will be explored.

245 INTAGLIO I 3 F,S*ART 103, 104, and 109 req or cons dept based on demonstration of proficiency. Materials charge optional.*

Introduction to intaglio processes. Techniques such as etching, engraving, dry point, and aquatint within context of pictorial spatial understanding.

246 LITHOGRAPHY I 3 F,S*ART 103, 104, and 109 req or cons dept based on demonstration of proficiency. Materials charge optional.*

Introduction to lithographic processes. Techniques on stone and aluminum plates with airbrush, crayon, and tusche drawing within context of pictorial spatial understanding.

252 VIDEO ART I 3*ART 103, 235; THE 150, 170; COM 163 or cons inst req. Materials charge optional.*

Video as a creative medium emphasizing experimental, narrative and nonnarrative production; screenings of video art, film and television.

253 VIDEO ART II 3*ART 252 req. Materials charge optional.*

Video as a creative medium emphasizing digital editing and multi-media as well as conceptual and formal strategies for personal expression.

255 GLASS I 3 F,S*ART 103, 104, and 109 req, or cons dept based on demonstration of proficiency. Materials charge optional.*

An introductory course to acquaint student with the hot glass forming processes of glassblowing and casting.

257 SURVEY OF ART III 3 F,S

The major developments in European painting, sculpture, and architecture from the Romantic period, circa 1775, to the present.

261 PAINTING I 3 F,S*ART 103, 104, and 109 req, or cons dept based on demonstration of proficiency.*

Experimental work with variety of transparent and opaque painting media.

262 PAINTING II 3 F,S*ART 261 req.*

Problems of pictorialization and survey of contemporary trends in painting.

263 PAINTING III 3 F,S*ART 262 req.*

Individual exploration of concepts extended from ART 261 and 262.

275 WORLD ARTS: VISUAL ARTS OC-DKCC/FA 3 F,S*IDS 100; ENG 101; COM 110 req; MC-LH category req. Not for cr if had ART 140.*

Introduction to the arts of the Americas, Africa, and the South Pacific.

276 BASIC SKILLS IN THE DIGITAL ARTS 2 F,S,Summer*Fine Arts maj/min or cons inst req. Also offered as MUS/THE 276. Formerly INTRODUCTION TO MICRO-COMPUTER APPLICATIONS IN THE ARTS.*

Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

301 COMPUTER ARTS APPLICATIONS 1 F,S,Summer*Cons inst req. May be repeated if cont different. Also offered as MUS/THE 301.*

Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

307 ART FOR ATYPICAL INDIVIDUALS 3 S*Art maj or cons dept. Clin Exp 10 hrs. May Incl Clin Exp: Types 1-4, 6 and 9.*

Various approaches to the development and conduct of art activities for individuals in special education and other community programs for the atypical individual.

308 ART THERAPY: HISTORY AND PRACTICE 3 S*Junior standing req.*

Overview of art therapy from pre-historic origins to contemporary issues. Exploration of art therapy practices and career options.

309 PROFESSIONAL ART EDUCATION SEQUENCE 3 F,S*C or better in C&I 216 or conc reg req. Complete all req for admission to Teacher Ed including passing all 3 parts of the PPST. Art Ed maj only; others by cons dept chair. Must be repeated by Art Ed maj for total of 6 hrs. 2 consecutive sem seq starting in fall. Incl Clin Exp: 20 hrs. May Incl Clin Exp: Types 1-4, 6 and 9.*

Sequential semesters interrelate art learning theory, teaching methodology, and pre-student teaching clinical experiences in Art Education K-12.

313 LIFE DRAWING II 3 F,S

ART 214 req. May be repeated. Materials charge optional.
Advanced study of the human figure as a motif in drawing, including emphasis on media and the content of figuration.

315 TOPICS IN GRAPHIC DESIGN 3 F,S

ART 227 req.
Studio/seminar course covering special topics related to Graphic Design. May be repeated if different topic.

324 METALWORK AND JEWELRY DESIGN III 2-6 F,S

ART 225 req. May be repeated. Materials charge optional.
Advanced metalworking with an emphasis on volume and color, including raising, repousse, forging, and various enameling techniques.

325 ADVANCED METALWORK AND JEWELRY DESIGN 2-4 F,S

ART 324 and cons inst req. May be repeated. Materials charge optional.
Elaboration upon metalworking skills previously acquired, allowing development of a strong personal direction.

326 GRAPHIC DESIGN III 3 F,S

ART 226 and 227 req. Materials charge optional.
Transition course using the skills, techniques, and concepts learned earlier; applying them to problems of contemporary expression. Preparation for study on independent basis.

328 CERAMICS III 2-6 F,S

ART 229 req. May be repeated. Materials charge optional.
Experiences in wheel and handbuilding processes with an emphasis on individual exploration of ideas through ceramic media.

331 ADVANCED DRAWING 3 F,S

ART 214 req. May be repeated.
Transition course using the skills, techniques, and concepts learned earlier; applying them to problems of contemporary expression. Preparation for study on independent basis.

332 SCULPTURE III 2-6 F,S

ART 233 req. May be repeated. Materials charge optional.
Transition course. Individualized problems exploring techniques and concepts encountered earlier and their applications to problems of contemporary expression. Preparation for study on an independent basis.

334 TOPICS IN ADVANCED SCULPTURE 3 F

Sculpture I, II, III, or cons inst req. Materials charge optional.
Advanced sculpture course focusing on a different topic each semester. Seminar format with topics relating to assigned studio work.

335 PHOTOGRAPHY III 2-6 F,S

ART 236 req. May be repeated. Formerly PHOTOGRAPHY AS AN ART FORM III. Materials charge optional.
Advanced problems in photography as an art form. Emphasis upon individual exploration of the medium. Preparation for study on an independent basis.

336 GRAPHIC DESIGN IV 3 F,S

ART 326 req. Materials charge optional.
Advanced studio work exploring design techniques applied to advertising, packaging, and display media.

340 FIBERS III 2-6 F,S

ART 241 req. May be repeated. Materials charge optional.
Advanced studio work based on the technical and aesthetic concepts presented in Fibers I & II. Emphasis upon individualized projects designed in consultation with instructor.

344 WOOD II 3 F,S

ART 234 req.
Studio exploration of wood as a medium of personal expression.

345 INTAGLIO II 2-6 F,S

ART 245 req. May be repeated. Materials charge optional.
Further study of intaglio processes with greater emphasis on intaglio as an expressive medium. Introduction to color possibilities.

346 LITHOGRAPHY II 2-6 F,S

ART 246 req. May be repeated. Materials charge optional.
Further study of lithographic processes with greater emphasis on lithography as an expressive medium. Introduction to color possibilities.

349 VISITING ARTIST SEMINAR 2 F,S

Art maj or cons inst req. May be repeated.
A seminar-type class, taught by visiting artists and members of the Art Department faculty, focusing upon contemporary issues of fine arts and the creative process.

350 SOFTWARE DESIGN IN THE ARTS II 3 S

ART/MUS/THE 387 or cons inst req. Also offered as MUS/THE 350.
Designing online digital projects for the Internet which use Web and multimedia techniques to create aesthetic models for art, music, and theatre expression.

351 SPECIAL PROJECTS IN ART 2-6 F,S

Art maj and cons inst req. May be repeated. May Incl Clin Exp: Type 1-4, 6, 8, and 9. Materials charge optional.
Special projects in Art or Art Education chosen by the student for advanced investigation with the written approval of the instructor. May not duplicate existing courses.

352 RENDERING FOR INTERIOR DESIGNERS 3 F,S

IT 211 and FCS 242, or ART 103 and 104, or cons inst req.
Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations.

353 COMPUTER MUSIC NOTATION 3 S

Cons inst req. Also offered as MUS/THE 353.
Study of computer-based music printing and an introduction to MIDI for note entry and proof reading of musical scores.

354 SEQUENCING AND DIGITAL AUDIO 3 S

Cons inst req. Also offered as MUS/THE 354.
Study of music synthesis through MMIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

355 GLASS II 2-6 F,S

ART 255 req. May be repeated. Materials charge optional.
Further practice in glass blowing skills coupled with the introduction of techniques to alter and shape cold glass.

- 356 COLOR PHOTOGRAPHY** 3
ART 236 or 335 and cons inst req. Materials charge optional. Formerly COLOR PHOTOGRAPHY AS AN ART FORM.

An introduction to basic color photography techniques with an emphasis on color photography as a fine art medium.

- 358 SOCIAL DOCUMENTARY PHOTOGRAPHY** 3 F,S
Cons inst req.

Studio practice in social documentary photography. An examination of the artist's role as social observer and documentarian.

- 359 COMPUTER-BASED ART AND GRAPHIC DESIGN** 3 F,S
ART/MUS/THE 276 or cons inst req. Also offered as THE 359. Materials charge optional.

Application of advanced 2- and 3-dimensional graphics programs to solve creative problems in the visual and theatrical arts.

- 361 PAINTING IV** 2-6 F,S
ART 263 req. May be repeated.

Transitional course. Students encouraged to explore personal directions in close consultation with instructor. Preparation for study on an independent basis.

- 362 WATERCOLOR I** 3 S
ART 261 req.

Watercolor as an expressive medium. Techniques and study of masters of watercolor; emphasis on creating pictorial space by illusion, color, and the use of transparency.

- 363 COLOR THEORY** 3 F
ART 261 req.

A practicum to give the studio art student a context of theoretical and historical color premises as a basis for making color organized works. Discussion of student work, process, color-formed space, and aesthetic analysis.

- 366 ART OF THE ANCIENT NEAR EAST** 3
 Art and architecture of early civilizations of Egypt, Mesopotamia, and peripheral areas from circa 8000 B.C. to circa 300 B.C.

- 367 GREEK ART** 3 F
ART 155 or cons inst req.

Greek art and architecture from circa. 1500 B.C. through the Hellenistic period.

- 368 ROMAN ART AND ARCHITECTURE** 3 S
ART 155 or cons inst req.

Roman art and architecture in Italy and the provinces from the late Republic through the early 4th century A.D.

- 369 HISTORY OF MEDIEVAL ART AND ARCHITECTURE** 3

Art and architecture of Europe from circa 500 A.D. to the Renaissance.

- 372 MODERN ARCHITECTURE** 3
 European and American architecture since the Industrial Revolution, later 18th century to the present.

- 375 ITALIAN RENAISSANCE ART** 3
 Painting, sculpture, and architecture of the 15th and 16th centuries in Italy.

- 376 NORTHERN RENAISSANCE ART** 3
 Art and architecture of the Renaissance and Mannerism in Northern Europe.

- 377 HISTORY OF BAROQUE AND ROCCO ART** 3
 Painting, sculpture, and architecture of Europe during the 17th century.

- 378 HISTORY OF NINETEENTH-CENTURY ART AND ARCHITECTURE** 3
 Concentration is on the art of Europe from the French Revolution to the 20th century.

- 379 MODERN ART** 3
 Painting and sculpture in Europe and America from the late 19th century to 1970.

- 380 ART IN THE UNITED STATES I: COLONIAL ERA TO THE EARLY REPUBLIC** 3
Formerly ART IN THE UNITED STATES I: COLONIAL TO NINETEENTH-CENTURY ROMANTICISM.

Art and architecture in the part of North America that became the United States from the outset of European colonization through the Early Republic, 1600-1825.

- 381 ART IN THE UNITED STATES II: ROMANTICISM TO EARLY MODERNISM** 3
Formerly ART IN THE UNITED STATES II: AMERICAN IMPRESSIONISM TO WORLD WAR II.

Art and architecture in the United States from about 1825 to 1930.

- 382 ART IN THE UNITED STATES III: FROM THE DEPRESSION TO 1970** 3

Complex artistic developments, especially in painting and sculpture, which occurred in American art from the Depression era to 1970.

- 383 HISTORY OF PHOTOGRAPHY** 3
Formerly HISTORY OF PHOTOGRAPHY AS AN ART FORM.

Important photographers and the major aesthetic and technical developments of photography from 1840 to present.

- 385 RECENT DEVELOPMENTS IN ART: 1970 TO THE PRESENT** 3 S
Art maj only or cons inst req. Previous successful completion of ART 257.

An examination of major international visual artists and the role of public and private institutions within the contemporary arts world.

- 387 SOFTWARE DESIGN IN THE ARTS I** 3
Also offered as MUS/THE 387. Formerly SOFTWARE DESIGN IN THE ARTS. Materials charge optional.

Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.

- 388 SELECTED TOPICS IN ARTS TECHNOLOGY** 3
Also offered as MUS/THE 388. May be repeated if content different. Materials charge optional.

Varied emphases reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.

395 UNDERGRADUATE SEMINAR**IN ART HISTORY 3 S**

Successful completion of at least one 300-level Art History course and cons inst req. May be repeated if content different.

Intensive study of an announced topic in art history, emphasizing methodology, original research, and various art historical approaches to specified works, artists, themes, styles, or issues.

398 PROFESSIONAL PRACTICE:**INTERNSHIP IN ART 1-8 F,S**

May be repeated; max 16 hrs. Cons dept chair req.

Supervised work experience.

**398.02 PROFESSIONAL PRACTICE:
INTERNSHIP IN ART: DESIGN****398.05 PROFESSIONAL PRACTICE:
INTERNSHIP IN TEACHING ART**

May Incl Clin Exp: Type 1-4, 6, and 9.

**398.07 PROFESSIONAL PRACTICE:
INTERNSHIP IN PHOTOGRAPHY****398.08 PROFESSIONAL PRACTICE:
INTERNSHIP IN MUSEUM/GALLERY****398.09 PROFESSIONAL PRACTICE:
COOPERATIVE EDUCATION/
INTERNSHIP IN ARTS MICRO-
COMPUTER APPLICATIONS 2-6 F,S**

ART/MUS/THE 276; 1 course selected from MUS 211, ART/THE 359, or ART/MUS/THE 387. Jr/sr standing in area of concentration; 2.5 GPA req.

Cooperative education/internship providing the opportunity to apply knowledge of microcomputer arts applications in arts agencies, business, and/or education settings.

MUSIC (MUS) 566

230 Centennial East, (309) 438-7631

Chairperson: James Major.

Tenured/Tenure-track Faculty:

Professors: Block, Boitos, Borg, Chavez, Dawson, DeBose, DiGiammarino, Kelly, Larsen, Modos, Newson, Steele, Williams.

Associate Professors: Dicker, Keenan-Takagi, Koehler, A. Major, J. Major, Stokes.

Assistant Professors: Aduonum, Feurzeig, Gentry, Hamilton, Koch, Morenus, Neisler, Parsons, Risinger, Snyder, Taylor, Vought, Zerkel.

General Department Information**Curricular Requirements/Departmental Requirements:**

Music students are bound by the requirements in this *Undergraduate Catalog* and those found in the *Music Department Student Handbook*.

Admission Auditions:

Students who intend to major in Music at Illinois State University are expected to have previous music experiences.

Prior to acceptance as a Music major or minor, all students must pass a performance audition on their major instrument or voice. Information concerning admission auditions is available from the Department of Music.

Senior College Examination:

All Music majors must pass the Senior College Examination which evaluates the student's mastery of musicianship and performance skills. The examination is administered every semester and is to be taken by all Music majors taking sophomore-level music core courses (204/208). Students who transfer from community colleges with an associate's degree must take the examination in their first semester of attendance at Illinois State University. All B.M.E. students and candidates for Teacher Certification are required to pass the Senior College Examination prior to admission to Teacher Education.

Piano Requirements:

All students pursuing a Music major degree program are required to demonstrate a level of piano proficiency equivalent to that outlined for Level III of Group Instruction Piano unless stated otherwise for a specific degree or sequence. A syllabus of proficiency requirements is available in the Music Office or from the Group Piano Coordinator.

Performing Organization Requirements:

All students pursuing a Music major degree program are required to participate and earn a passing grade in a major music-performing organization each semester they are enrolled in the University. (B.M.E. majors are exempt from this requirement during the semester of Student Teaching; Music Therapy majors are exempt from this requirement during the semester of their internship.) Specific performing organization participation requirements are indicated below for each of the Music major degree programs. A major opera role may be substituted for one performing organization by juniors and seniors upon approval of the Department Chairperson as a result of a written request signed by the student, the applied teacher, and the opera director. A maximum of 12 hours in Music performing organization credit is applicable to any Music degree. Students must be enrolled in MUS 110 each semester on campus up to the total number of semester required for the particular degree program.

Enrollment Limitations:

Enrollment in some Music courses is limited to those students who have had auditions or who have secured the permission of the appropriate coordinator. Information concerning these course enrollment limitations is available from the Department of Music.

Musical Instrument Storage:

In the event that students choose to store musical instruments on campus in any building operated by the University, they hereby waive any and all liability of the University and its employees for the loss of or damage to such musical instruments by any cause whatsoever, including, but not limited to, fire, water, windstorm, or any other casualty, theft, or dampness or dryness of the air.

Music Program

Degrees Offered: B.A., B.S.

MAJOR IN MUSIC

- 40 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 203, 204, 207, 208, 253, 254; at least 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 8 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 8 semesters); 8 hours of performing organizations.

MINOR IN MUSIC

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 203, 207; at least 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 4 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 4 semesters); 4 semesters of performing organizations.

Arts Technology Program

Director: Shari Zeck, 116 Center for the Visual Arts
(309) 438-8321

Degrees Offered: B.A., B.S.

The major in Arts Technology is a 55-hour interdisciplinary program in the College of Fine Arts that emphasizes theory, design, and practice in the application of computer technology to art, music, and theatre. The degree provides undergraduate training and experiences in arts technology to better prepare students with a broad range of knowledge and skills in multimedia design, including digital video and sound, computer graphics and theatre design, digital and MIDI music, and web design.

Admission and Retention Requirements: A student may enter the arts technology program as a new freshman, a transfer student, or as a change of major at Illinois State University. The Arts Technology program reserves the right to maintain a balanced enrollment and the number of freshman and transfer students wishing to enter the Arts Technology program may be restricted.

Students will be allowed to continue in the Arts Technology program who have completed the 11-hours Fine Arts Core and the 8-hours Arts Technology Core with grades of C or better, have met and continue to maintain a GPA of 2.5 from 300-level courses in Arts Technology curriculum with no grade less than a C, and have demonstrated competency through a portfolio review. The portfolio review will take place after completion of the Fine Arts Core of ART, MUS, or THE 276. The portfolio will contain examples of work in Arts Technology. Transfer and change of major students must meet the same course and portfolio review requirements, complete the Fine Arts and Arts Technology Core requirements, and have an overall GPA of 2.5 or better before being admitted to the program.

Academic Requirements: The 55 hours required for the degree are programmed as follows:

Fine Arts Core (11 hrs): This group of courses provides the student with a basic experience in reading and performing music, visual arts experience in drawing and design, and interdisciplinary fine arts history study: 3 hours from ART 103, 104 or 109; and 2 hours from MUS 118 or 119, 121, or 126; and 6 hours from ART 155, 156; MUS 151, 152, 156; THE 100, 170 or 171 in two different departments.

Arts Technology Core (8 hrs): This group of courses provides the student with a foundation of study in digital media and multimedia design: ART/MUS/THE 276; ART/MUS/THE 387; and ART/MUS/THE 350. (Prerequisites for 387 and 350 include completion of ART/MUS/THE 276; the Fine Arts Core; and the Arts Technology portfolio review.

Additional Fine Arts Study (18 hrs): This group of courses provides the student with fine arts training in the historical and theoretical foundations, skills, and performance and production experiences of the arts. Choose one area of Fine Arts emphasis from the departments of ART, MUS, or THE:

ART: 6 hours in addition to the ART course completed for the Fine Arts Core from ART 103, 104, or 109 and 12 hours from ART 226, 235, 236, 356, 232, 233, 261, 262, 252, or 363. OR

MUS: 6 hours in addition to the MUS course completed for the Fine Arts Core from MUS 118 or 119, 121, 126, or from Applied Music study (MUS 131-138 or 231-238); and 6 hours from MUS 100, 101 and 107, or 102 and 108; and 6 hours from MUS 203, 207, 265, 167, 175, 360, 205 or 305, or up to two credit hours of a music ensemble (MUS 139 or 239). Auditions may be required by the Music Department for some of these courses. OR

THE: 18 hours from THE 102, 110, 130, 160, 119 and 120, 101, 258, 260, 261 or 344.

Additional Arts Technology Study (15 hrs): Select from the following courses after completion of the Fine Arts Core, the Arts Technology, and the Arts Technology portfolio review.

- 3 hours from MUS 353, 354, 388, or 301 with music topics; and
- 3 hours from ART 359, 301 with graphic topics, or ART/THE 388 with graphic or theatre design topics; and
- 9 hours from any of the following courses, or other courses that emphasize Arts Technology applications with approval of the program advisor (ART/MUS/THE 206; ART/MUS/THE 301; and ART/MUS/THE 388 may be repeated with different topics or experiences): ART/MUS/THE 206; ART/MUS/THE 301; ART/MUS/THE 353; ART/MUS/THE 354; ART/MUS/THE 359; ART/MUS/THE 388; ART 351.24, 253, 351.85; or THE 367.

Capstone Experience in Arts Technology (3 hrs): Internship in Arts Technology (ART/MUS/THE 398.09 or comparable culminating experience in multimedia design as approved by the program advisor (e.g. ART/MUS/THE 287 or ART/MUS THE 206).

Music Program

Degree Offered: B.M.E.

MAJOR IN MUSIC EDUCATION

Core Requirements and Sequences:

- Complete core requirements of MUS 101, 102, 107, 108, 167, 203, 204, 207, 208, 253, 254, and choose from 1 of the following sequences: Choral-General-Vocal, Choral-General-Keyboard, Instrumental-Band, Instrumental-Orchestra.
- The four sequences are part of the entitlement program leading to the Special Teaching K-12 Music Certificate in the State of Illinois.
- Complete 14 hours of Applied Music and 7 hours of performing organizations.
- Designated special methods courses in each of the 4 sequences (Choral-General-Vocal, Choral-General-Keyboard, Instrumental-Band, Instrumental-Orchestra) require Clinical Experiences and are taken throughout the degree program.

Piano and Applied Music Requirements:

- Students are required to attain sufficient skill in playing the piano to pass a proficiency test prior to admission to Music Education. **NOTE:** A syllabus of proficiency requirements is available in the Department office or from the Music Education or Group Piano Coordinator. Piano may be studied in Group Instruction 122 or in Applied Piano 135/235. A maximum of 8 hours is allowed for taking piano in Group Instruction.
- Students are required to study applied music on their major instrument for 5 to 7 semesters, depending on the sequence.
- Students are required to take at least 1 semester of 200-level Applied Music prior to student teaching.
- Students are required to perform either a half or full senior recital prior to student teaching.

Professional Education Requirements:

- C&I 210 and 215 must be taken prior to the special methods in Music courses and include Clinical Experience; EAF 228, 231, or 235 must be taken prior to student teaching.
- Special Methods courses include: MUS 162, 260, 261, 262, 263, 266, 267, 270, 271. **NOTE:** All Special Methods courses include clinical experience. Except for MUS 162, all Special Methods courses require admission to Teacher Education.
- Grade of C or higher required.

Core Music Education Requirements:

- All Music Education students are required to take the following courses: MUS 260, 262, 266 and 1 hour in jazz selected from MUS 139.70/239.70, 139.71/239.71, 218.

Choral-General-Vocal Sequence:

- 64 hours in Music required.
- Required courses: Music and Music Education core requirements and a minimum of 2 semesters of Group or Applied Piano and 5 semesters of Applied Voice; MUS 127 or 128; 162, 263, 267, 268.
- Students must be enrolled for 1 hour of credit in University Choir, University Glee Club, Treble Choir, Concert Choir, Vocal Jazz Ensemble, Opera Practicum, or Madrigal Singers for 7 semesters.
- Students must enroll in University Choir or Concert Choir for a minimum of 4 semesters and Opera Practicum for 1 semester.
- A maximum of 1 semester of Vocal Jazz Ensemble may count toward graduation.

Choral-General-Keyboard Sequence:

- 64 hours in Music required.
- Required courses: Music and Music Education core requirements and a minimum of 2 semesters of Group or Applied Voice and 5 semesters of Applied Piano; MUS 240 (2 hrs); 162, 263, 267, 268.
- Students must be enrolled for 1 hour credit in University Choir, University Glee Club, Treble Choir, Concert Choir, Vocal Jazz Ensemble, Opera Practicum, or Madrigal Singers for 7 semesters.
- Students must enroll in University Choir or Concert Choir for a minimum of 4 semesters and Opera Practicum for 1 semester.
- A maximum of 1 semester of Vocal Jazz Ensemble may count toward graduation.

Instrumental-Band Sequence:

- 68 hours in Music required.
- Required courses: Music and Music Education core requirements and MUS 111, 112, 113, 114, 115, 116, 117, 161, 163, 261, 269.
- Students must be enrolled for 1 hour credit in Wind Symphony, Symphonic Band, Jazz Ensemble, Marching Band, or Orchestra for 7 semesters.
- Students must enroll in a minimum of 2 semesters of Marching Band and 2 semesters of a concert band (Wind Symphony or Symphonic Band).

Instrumental-Orchestra Sequence:

- 68 hours in Music required.
- Required courses: Music and Music Education core requirements and MUS 111, 112, 113, 114, 115, 116, 117, 163, 269, 270, 271.
- Students must be enrolled for 1 hour credit in Symphony Orchestra for 7 semesters.

Student Teaching:

At least 10 weeks (8 hrs) (STT 399.28) of student teaching are required; 16 weeks (16 hrs) (STT 399.28) are recommended.

Admission-Retention Requirements for the Teacher Education Sequence in Music Education

Selective Admission:

All Music Education students planning to become certified teachers must apply for and be admitted to the University's Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission, a Music Education student must also have verified the following:

1. File departmental application for admission to Music Education.
2. A minimum cumulative GPA of 2.5 overall and in all Music courses including all Professional Education courses.
3. Satisfactory completion of Piano Proficiency Exam or completion of Level 4-Group Piano with grade of B or better (the entire final exam for Level 4 must be passed successfully).
4. Recommendation for admission to Teacher Education by the Music Education faculty.
5. Satisfactory passing of the Senior College Exam.
6. Upon enrollment within the Music Education program, the student will be evaluated every semester in writing by each respective Music faculty member. This information will be maintained in the student's permanent file. Each student will also be evaluated by the respective faculty in the College of Education. Details about these evaluations can be obtained from the Coordinator of Music Education. The evaluations will be solicited up to the semester of student teaching.

Selective Retention:

In order to be retained in the Music Education program and to receive departmental approval for a student teaching assignment, the following requirements must be met:

1. Maintain a GPA of 2.5 in all courses and in all Music Education courses including Professional Education.
2. Be recommended for student teaching by the Music Education faculty.
3. Interview with the Coordinator of Student Teaching and/or Music Education faculty.
4. Complete at least 1 semester of Applied Music at the 200-level.
5. Acquire a minimum grade of C in all Music Education courses including Professional Education courses.
6. File College of Education and departmental applications for student teaching.

Graduation Requirements:

A cumulative and major GPA of 2.5 must be maintained.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings.

All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN MUSIC EDUCATION

The Minor in Music Education can be elected only by B.M.E. majors or by majors in another program leading to Teacher Certification.

Choral Music Sequence:

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 167, 203, 207, 266 or 267.
- At least 2 semesters of Applied Music: Voice (may include Group Instruction Voice 126).
- At least 2 semesters of Applied Music: Piano (may include Group Instruction Piano 122).

General Music Sequence:

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 167, 203, 207, 262 or 263.
- At least 2 semesters of Applied Music: Voice (may include Group Instruction Voice 126)
- At least 2 semesters of Applied Music: Piano (may include Group Instruction Piano 122).

Instrumental Music-Winds Sequence:

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 167, 203, 207, 260 or 261.
- 4 hours chosen from 111, 112, 115, 116, 117 (eliminate the group closest to the major applied instrument).
- At least 2 semesters of Applied Music: Brass, Percussion, or Woodwinds.

Instrumental Music-Strings Sequence:

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 111 or 112, 113 or 114, 115 or 116, 117, 167, 203, 207, 270 or 271.
- At least 2 semesters of Applied Music: Strings.

Music Program

Degree Offered: B.M.

Admission into the B.M. program is by special audition.

MAJOR IN MUSIC

- 68 hours of Music required.
- Required courses for all sequences except Music Therapy (for requirements, see Music Therapy Sequence): MUS 101, 102, 107, 108, 167, 203, 204, 207, 208, 253, 254, and 2 courses selected from among MUS 255, 256, 257, and 258; 1 Applied Music course on the major instrument each semester (may include Group Instruction Piano), including the successful completion of at least 1 semester of 200-level Applied Music; 8 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 8 semesters). In addition, students must be enrolled for 1 hour of credit each semester they are in residence in Wind Symphony, Symphonic Band, Marching Band, Jazz Band, Symphony Orchestra, University Choir, University Glee Club, Treble Choir, Civic Chorale, Concert Choir, Encore (Jazz Choir), Madrigal Singers, Accompanying (for keyboard majors only) or Guitar Ensemble (for guitar majors only).
- Student also selects 1 of the 6 following sequences and completes requirements of that sequence. For students who select the Keyboard-Instrument, Voice-Performance, Classical Guitar Performance, or the Band and Orchestra Instruments Sequence, the requirements are: 3 semesters of 200-level Applied Music, a partial junior recital, and a senior recital.

Music Theory-Composition Sequence:

- 12 additional hours in theory, composition, and theory pedagogy.
- Electives to complete 68 hours.
- At least 8 hours of German strongly recommended.

Keyboard Instrument Sequence: Performance/Pedagogy (Piano, Organ, Harpsichord):

- 4 hours of Keyboard Pedagogy and Literature (MUS 330).
- 2 hours of functional keyboard skills and sight-reading (MUS 122).
- 4 hours of Accompanying (MUS 240). **NOTE:** This may be 4 of the 8 hours in Music performing organizations required of B.M. majors.
- Electives to complete 68 hours.

Voice Performance Sequence:

- MUS 127, 128, and 2 hours in Vocal Pedagogy and Literature (MUS 330).
- Electives to complete 68 hours.
- Voice students enrolled in Encore must also participate in another choral ensemble.
- 2 semesters of Opera Practicum and/or Opera Production.

Band and Orchestra Instruments Performance Sequence:

- 2 hours in Pedagogy and Literature on appropriate instrument (MUS 330).
- Electives to complete 68 hours.

Classical Guitar Performance Sequence:

- 4 hours of Pedagogy and Literature (MUS 330).
- 2 hours of Guitar Fingerboard Harmony (MUS 215).
- 6 hours of Guitar Ensemble (MUS 139.85/239.85).
- 4 hours of Music performing organizations other than Guitar Ensemble.
- Electives to complete 68 hours.

Music Therapy Sequence:

- A student who completes the requirements listed below, including a 6-month internship will be eligible to take the Certification Board for Music Therapists, Inc. exam. The prospective Music Therapy student is encouraged to contact the Director of the Music Therapy program in the Music Department before beginning course work.
- Core requirements (33 hrs): MUS 101, 102, 107, 108, 167, 203, 204, 207, 208, 253, 254.
 - Major Music-Performance Ensemble each semester of attendance.
 - 9 hours selected from the following: 111, 112, 113, 114, 115, 116, 117, 122, 126.
 - 8 hours of Applied Music Study.
 - Sequence requirements: MUS 194, 294, 298.01 (3 hrs), 340, 341, 360, 362, 398 (2 hrs); BSC 181; PSY 111, 232, 346; SOC 106 or ANT 180.
 - 7 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 7 semesters).
 - **NOTE:** A competency test is required in guitar and piano.

Music Courses

101 MUSIC THEORY 2 F

Music maj/min only or cons dept chair req.

Principles of rhythmic, melodic, and harmonic syntax in the common practice period. Emphasis on diatonic analysis and composition.

102 MUSIC THEORY 2 S

MUS 101 or cons Theory Coord req.

Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms.

107 GROUP INSTRUCTION IN BASIC MUSICIANSHIP I 1 F,S

MUS maj/min only or cons inst req.

Introduction and cultivation of fundamental aural (ear-training) and sight-singing (solfege) skills.

108 GROUP INSTRUCTION IN BASIC MUSICIANSHIP II 1 F,S

MUS 107 or cons Theory Coord req.

Continuation of skill building in ear-training and sight-singing; expansion of solfege techniques.

110 RECITAL ATTENDANCE F,S

MUS maj/min only. May be repeated. CR/NC only.

Develop an understanding of musical styles and skills as a more discriminating listener.

- 111 GROUP INSTRUCTION**
IN HIGH BRASS 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Exp Type 1-5, 9.
 Introduction to the playing and pedagogy of high brass instruments (trumpet and horn).
- 112 GROUP INSTRUCTION**
IN LOW BRASS 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Exp Type 1-5, 9.
 Introduction to the playing and pedagogy of low brass instruments (trombone, euphonium, and tuba).
- 113 GROUP INSTRUCTION**
IN HIGH STRINGS 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.
 Introduction to the playing and pedagogy of high string instruments (violin and viola).
- 114 GROUP INSTRUCTION**
IN LOW STRINGS 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.
 Introduction to the playing and pedagogy of low string instruments (cello and string bass).
- 115 GROUP INSTRUCTION IN SINGLE REED INSTRUMENTS/FLUTE** 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.
 Introduction to the playing and pedagogy of single reed instruments (clarinet and saxophone) and flute.
- 116 GROUP INSTRUCTION IN DOUBLE REED INSTRUMENTS** 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.
 Introduction to the playing and pedagogy of double reed instruments (bassoon and oboe).
- 117 GROUP INSTRUCTION IN PERCUSSION** 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.
 Practical instruction in playing and methods of teaching percussion instruments.
- 118 BEGINNING GUITAR** 2
Student must supply acoustic guitar.
 Elements of basic acoustic guitar; simple chords and melodies.
- 119 INTERMEDIATE GUITAR** 2 S
MUS 118 or cons inst req. Student must supply acoustic guitar.
 Further development of guitar playing skills, including note reading in higher positions, movable chords, fingerpicking, and an introduction to improvisation.
- 121 GROUP INSTRUCTION IN PIANO** 2 F,S
For students who have had little or no formal piano study and who are not Music maj/min. Enrollment and placement only by cons Group Piano Coord. May be repeated.
 Harmonization, sight-reading and transposition, technical studies, and solo and ensemble repertoire.
- 122 GROUP INSTRUCTION IN PIANO** 2 F,S
MUS maj/min with little or no keyboard skills. Enrollment and placement by cons Group Piano Coord. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coord. May be repeated; max 8 hrs.
- 126 GROUP INSTRUCTION IN VOICE** 2 F,S
May be repeated. Cons inst req.
 Practical instruction in singing in English and Italian. Successful completion of 126 or audition before members of voice faculty is prerequisite for admission to MUS 137.
- 127 FOREIGN LANGUAGE DICTION FOR SINGERS** 2 S
MUS 126 or conc req in MUS 126, 137, or 237.
 German and French diction through the study of art songs in both languages.
- 128 DICTION FOR SINGERS: ITALIAN AND ENGLISH** 2 F
 Italian and English stage diction for singers, using the International Phonetic Alphabet.
- 131-138 APPLIED MUSIC** 2 or 3 ea F,S
May be repeated. Cons appropriate coord 1 sem in advance of reg req. Prereq for MUS 137 described in narrative for MUS 126.
 131, Brass; 132, Harpsichord; 132.10 Harp; 133, Organ; 134, Percussion; 135, Piano; 136, Strings; 136.80, Guitar; 137, Voice; 138, Woodwinds.
- 139 ENSEMBLE** 1-2 F,S
May be repeated.
 Study and performance of chamber and small music ensembles in a variety of combinations of instruments.
- 152 EXPERIENCING MUSIC** OC-KD/FA 3 F,S
IDS 100; COM 110; ENG 101 req.
 Examination of the structures of various musical forms through listening, discussion, and attendance at performances. Content may vary.
- 153 BLACK MUSIC I** 3 F
 A survey of those musical elements—rhythm, improvisation, vocal inflections, call and response—that define Black Folk Music.
- 154 BLACK MUSIC II** 3 S
 A survey of Black composers, arrangers, performers, and educators in the areas of Jazz, Blues, Gospel, Spirituals, Rhythm and Blues, and Western Classical music in the 20th century.
- 156 MUSIC IN WORLD CULTURES** 3 F,S
 Music as it relates to other human activity in selected non-Western cultures.
- 161 MARCHING BAND TECHNIQUES** 2 F
Conc req with participation in Marching Band.
 Marching Band organization: field show planning and design.

162 INTRODUCTION TO INSTRUMENTAL INSTRUCTION 2 F

Incl Clin Exp: 10 hrs, Type 1-5, 9. Formerly INTRODUCTION TO WIND AND PERCUSSION INSTRUCTION.

Introduction to the playing and pedagogy of brass, woodwind, string, and percussion instruments for choral-general music education students.

163 INTRODUCTION TO SINGING 1 F,S

Music maj only, or cons instr req. May be repeated.

Introduction to the technique and teaching of singing. Designed primarily for instrumental music education majors.

165 OPERA PRACTICUM 1 F,S

May be repeated.

Practical experience in the staging of an opera or musical, with work ranging from set construction to leading roles.

167 BASIC CONDUCTING 2 F,S

Fundamentals, score reading, rehearsal procedures, and practical experience in work with choral and instrumental media.

175 INTRODUCTION TO THE MUSIC INDUSTRY 3 F,S

Exploring the various facets of the music and entertainment industry, including an historical background.

176 ARTS AND SOCIETY: MUSIC OC-DKCC/FA 3 F,S

IDS 100; ENG 101; COM 110 req.

Examination of the relationship between music and politics/culture.

180-188 PERFORMING ORGANIZATIONS 1 F,S

Max 12 hrs of 180-188 and 280-288 may be counted toward a Music degree.

Participation in the large musical organizations; 180, University Choir; 181, Wind Symphony, Symphonic, University, Pep or Marching Band; 182, Symphony Orchestra; 183, Chamber Wind Ensemble; 184, Concert Choir; 186, Treble Choir; 188, Civic Chorale.

194 PRINCIPLES OF MUSIC THERAPY 3 F

Not for cr if had former MUS 190, 191, and 192. Field observations req.

Introduction to music as a therapeutic agent in the rehabilitation and reorganization of the human being into social life. A survey of the history of the American Music Therapy Association is included as well as the processes and principles of music therapy as used by practicing music therapists.

203 MUSIC THEORY AND LITERATURE 5 F

MUS 102 and 108 or cons Theory Coord req. (Not for cr if had MUS 203 for 6 hrs.)

Study of contrapuntal and homophonic textures through analysis and composition in conjunction with a survey of music composed between 1700 and 1900.

204 MUSIC THEORY AND LITERATURE 5 S

MUS 203 and 207 or cons Theory Coord req. (Not for cr if had MUS 204 for 6 hrs.)

20th century techniques of composition and analysis in conjunction with a survey of current world musics.

205 COMPOSITION 2 F,S

May be repeated.

Developing individual creative talents of students in musical composition. Progression from the composing of well-balanced musical phrases to works in small forms for piano, choral groups, and small instrumental ensembles.

206 COMPUTER ARTS PERFORMANCE STUDIO 1-3 F,S, Summer

Cons instr req. May be repeated if cont different. Also offered as ART/THE 206.

Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

207 GROUP INSTRUCTION IN BASIC MUSICIANSHIP III 1 F,S

MUS 108 or cons Theory Coord req. (Not for cr if had MUS 203 for 6 hrs.)

Continuation of MUS 108 with introduction of chromaticism, more complex rhythms, and harmonic dictation using 7th chords.

208 GROUP INSTRUCTION IN BASIC MUSICIANSHIP IV 1 F,S

MUS 207 or cons Theory Coord req. (Not for cr if had MUS 204 for 6 hrs.)

Continuation of MUS 207 with emphasis on pitch structures and rhythms of 20th century music.

215 GUITAR FINGERBOARD HARMONY 2

3 sem of Applied Guitar (MUS 136.80/236.80) or cons instr req.

A comprehensive exploration of the guitar fingerboard through the study of scales, arpeggios, intervals, chords, and sight reading.

218 JAZZ IMPROVISATION 1-2 F,S

C or better in MUS 203 and 204. Music maj/min only.

Current methods and materials for developing jazz and jazz-based improvisational abilities in performers and teachers.

231-238 APPLIED MUSIC 2 or 3 ea F,S

May be repeated. Cons of appropriate coord 1 sem in advance of reg req.

231, advanced brass; 232, advanced harpsichord, 234, advanced percussion; 235, advanced piano; 236, advanced strings; 236.80 advanced guitar; 237, advanced voice; 238, advanced woodwinds.

239 ENSEMBLE 1-2 F,S

May be repeated.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments.

240 ACCOMPANYING 1 F,S

May be repeated.

Technique and skills of accompanying singers and instrumentalists, including experience in providing accompaniments for other students.

253 MUSIC HISTORY 10

tory from the Greeks to the time of Bach and Handel.

254 MUSIC HISTORY SINCE 1750 3 S

MUS 204 or cons Theory Coord req.

Developments, trends, styles, genres, and significant composers from the Classical period through the 20th century.

**255 MUSIC HISTORY AND LITERATURE
OF THE TWENTIETH CENTURY 3 F**

MUS 254 or cons inst req.

Survey of 20th century styles, popular to learned, conventional to avant-garde, with emphasis on the literature of music.

**256 MUSIC HISTORY AND LITERATURE
OF THE SEVENTEENTH AND
EIGHTEENTH CENTURIES 3 S**

MUS 253 or cons inst req.

Development of music during the 17th and 18th centuries including nationalities, schools, styles, and forms.

**257 MUSIC HISTORY AND LITERATURE
OF THE NINETEENTH CENTURY 3 F**

MUS 254 or cons inst req.

Musical developments in the 19th century; romanticism, impressionism, the orchestra, opera, art song, other large and small forms.

**258 MUSIC HISTORY AND LITERATURE
OF THE RENAISSANCE 3 S**

MUS 253 or cons inst req.

Artistic and social conditions of the 15th and 16th centuries in Europe, sacred and secular vocal music, instruments, forms, theoretical practices.

**260 ELEMENTARY/JUNIOR HIGH TEACHING
METHODS: BAND 2 S**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req. Formerly DESIGNS IN INSTRUCTION: INSTRUMENTAL.

Current methods and materials for the teaching of grades 4-8 instrumental music.

**261 SECONDARY TEACHING
METHODS: BAND 2 F**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req. Formerly METHODS OF TEACHING: INSTRUMENTAL.

Current methods and materials for the teaching of 9-12 instrumental music.

**262 ELEMENTARY
TEACHING METHODS:
GENERAL MUSIC 2 F**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req. Formerly MUSIC EDUCATION.

Current methods and materials for the teaching of K-6 general music.

**263 JUNIOR HIGH/SECONDARY
TEACHING METHODS:
GENERAL MUSIC 2 S**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Current methods and materials for the teaching of junior high and secondary school (7-12) general music courses.

265 OPERA PRACTICUM 1 F,S

May be repeated.

Practical experience in the staging of an opera or musical, with work ranging from set construction to leading roles.

**266 ELEMENTARY/JUNIOR
HIGH TEACHING
METHODS: CHORAL 2 F**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Study of management, methods, and materials utilized in the teaching of grades 4-8 vocal music.

**267 SECONDARY TEACHING
METHODS: CHORAL 2 S**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req. Formerly 264, MUSIC EDUCATION.

Study of management, methods, and materials utilized in the teaching of grades 9-12 vocal music.

**268 INTERMEDIATE CONDUCTING:
CHORAL 2 S**

MUS 167 or cons inst req.

Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods.

**269 INTERMEDIATE CONDUCTING:
INSTRUMENTAL 2 S**

MUS 167 or cons inst req.

Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods.

**270 ELEMENTARY/JUNIOR
HIGH TEACHING
METHODS: STRINGS 2 F**

C or better in C&I 210 and 215 req. Mus Ed maj/min only. Incl Clin Exp: 10 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Current methods and materials for the teaching of elementary/junior high school instrumental strings.

**271 SECONDARY TEACHING
METHODS: STRINGS 2 S**

C or better in C&I 210 and 215 req. MUS Ed maj/min only. Incl Clin Exp: 10 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Current methods and materials for the teaching of secondary school instrumental strings.

**275 WORLD ARTS:
MUSIC OC-DKCC/FA 3 F,S**

IDS 100; ENG 101; COM 110 req; MC-LH category req.

Introduction to selected musics of Asia, the Middle East, Africa and Latin America.

**276 BASIC SKILLS IN THE
DIGITAL ARTS 2 F,S,Summer**

Fine Arts maj/min or cons inst req. Also offered as ART/THE 276. Formerly INTRODUCTION TO MICRO-COMPUTER APPLICATIONS IN THE ARTS. Materials charge optional.

Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

**277 MUSIC EDUCATION IN THE
ELEMENTARY GRADES 2 F,S**

El Ed maj only.

Survey of Music Education K-6; current practices and materials for teaching elementary general music.

280-288 PERFORMING ORGANIZATIONS 1 F,S
MUS 194 or cons inst, ability to read music, and field experiences req.

Techniques and skills essential in the prescription, organization, and procedures of leading recreational music activities within therapeutic settings. Development of functional skills on social instruments.

294 MUSIC AND RECREATION 3 F
MUS 194 or cons inst, ability to read music, and field experiences req.

Techniques and skills essential in the prescription, organization, and procedures of leading recreational music activities within therapeutic settings. Development of functional skills on social instruments.

**298.01 PROFESSIONAL PRACTICE:
 MUSIC THERAPY INTERNSHIP 1 F,S**
May be repeated; max 4 hrs. CR/NC only. Formerly MUS 292.

Supervised practical experience in therapeutic music situations in various institutions in the area.

**301 COMPUTER ARTS
 APPLICATIONS 1 F,S,Summer**
Cons inst req. May be repeated if cont different. Also offered as ART/THE 301.

Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

305 COMPOSITION 3 F,S
May be repeated.
 Free composition in larger forms.

307 SURVEY OF MUSIC THEORY 2 F
 Review of analytical techniques and procedures. Emphasis on tonal music.

330 PEDAGOGY AND LITERATURE 2 F,S
May be repeated. More than 1 area may be taken conc.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for each medium. Brass, woodwind, percussion, voice, strings, piano, organ, guitar.

354 SEQUENCING AND DIGITAL AUDIO 3 S
Cons inst req. Also offered as ART/THE 354.

Study of music synthesis through MMIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

**360 INTRODUCTION TO
 PSYCHOMUSICOLOGY 3 S**
 Introduction to the psychology of music behavior and cognition. Topics include music perception, memory, and learning and their relation to the sensory, formal, and expressive properties of music.

**362 FIELD DATA COLLECTION
 IN MUSIC THERAPY 1 S**
Sr standing or MUS 360 or cons inst req.

Field experience in experimental research and behavioral data collection and evaluation as applied to the field of Music Therapy.

365 OPERA PRACTICUM 1 F,S
May be repeated.

Practical experience in the staging of an opera or musical, with work ranging from set construction to leading roles.

**371 MUSIC FOR THE
 EXCEPTIONAL CHILD 3 F,S**
 Trends in Music Education for exceptional children. Techniques and materials for a functional program of singing, playing, listening, and creative activities.

384 OPERA PRODUCTION 3 F
Cons Music Theatre Director req. May be repeated.
 Problems of presenting specific representative works from Music Theatre repertoire.

**387 SOFTWARE DESIGN
 IN THE ARTS I 3 F**
Also offered as ART/THE 387. Formerly SOFTWARE DESIGN IN THE ARTS. Materials charge optional.
 Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.

**388 SELECTED TOPICS IN
 ARTS TECHNOLOGY 3 S**
Also offered as ART/THE 388. May be repeated if content different. Materials charge optional.

Varied emphases reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.

**391 MUSICAL STYLES OF THE
 RENAISSANCE PERIOD 3**
MUS 253 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

**392 MUSICAL STYLES OF
 THE BAROQUE PERIOD 3**
MUS 253 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

**394 MUSICAL STYLES OF
 THE CLASSICAL PERIOD 3**
MUS 254 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

**395 MUSICAL STYLES OF
 THE ROMANTIC PERIOD 3**
MUS 254 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

**396 MUSICAL STYLES OF THE
 TWENTIETH CENTURY 3**
MUS 254 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

398 PROFESSIONAL PRACTICE:**CLINICAL INTERNSHIP IN****MUSIC THERAPY****1 F,S,Summer**

Acceptance into a clinical training facility affiliated with the American Music Therapy Association req. May be repeated; max 2 hrs.

Professional application of current treatment and evaluation procedures in a clinical setting.

THEATRE (THE) 570

212 Centennial West, (309) 438-8783

Chairperson: Fergus Currie.**Tenured/Tenure-track Faculty:**

Professors: Currie, Goldfarb, Hampton, MacLean, Ritch, Ruyle, Stark, Urice, Wilhelm, Zielinski.

Associate Professors: Browder, de Veer, McLaughlin-Gray, O'Gara, Pereira.

Assistant Professors: Merriman, Mullenix, Murphy, Schenck.

Theatre Program

Degrees Offered: B.A., B.S.

MAJOR IN THEATRE

- 48 hours in Theatre required.
- Required courses: THE 100, 101, 2 hours of 102/302, 110, 130, 160, 170, 237, 240, 261, 344, 376, and 377.
- Students in the 48-hour major are required to complete 1 of the following concentrations:

Cinema Studies: THE 271, 370, 371

Creative Drama: THE 280 and 6 hours of 381.

Directing: 3 hours each of THE 340, 341 and 342.

Microcomputer Applications in Theatre: 9 hours from MUS 211; ART/MUS/THE 387, 388; THE 276, 359, 398.09.

Theatre History: THE 370, and 6 hours from 287, 300; ENG 222, 223, 325, 327, 328, 378.

Theatre Management: THE 345 and 6 hours of 309.

Acting Sequence:

- 55 hours in Theatre required, including 12 hours of core courses and 43 studio hours either in Acting or Dance.
- Continuation in this sequence after the freshman year is by consent of the Department Acting and/or Dance faculty.
- A qualifying performance audition is required for all incoming students wishing to enter THE 205, 207 or 219. Students who are deficient in dance technique will have to begin at the 100-level in classical ballet, modern dance, and jazz dance. These deficiency hours will be above the 55 hours required for this sequence. Information concerning admission auditions is available from the Theatre Department.
- All 300-level Acting courses (THE 313, 314, 322 and 324) are restricted to Acting majors. Prerequisites for each course must be met as stated in the course descriptions.
- Course substitutions are rarely approved by the acting faculty.
- Required core courses (12 hrs): THE 100, 102/302 (1 hr), 110, 130, 237.

- Additional required courses (43 hrs): **Students must choose between A and B following:**

A. THE 113/313, 160, 211, 212, 220, 240, 322, 376 and 377; 9 hours of THE 314; 3 hours from THE 221 or 2 hours approved dance technique classes; and 2 or 3 hours of Theatre electives to complete 55 hours.

B. HPR 181; THE 125, 225, 228 (3 hrs), 205/305 (6 hrs), 207/307 (6 hrs), 219 (6 hrs), 261, 372 and 373 and 5 hours electives from THE 102/302, 226, 228, or 387.

Design/Production Sequence:

- 55 hours in Theatre required.
- Required courses: THE 100, 110, 130, 160, 237, 240, 258, 261, 362, 376, 377; 6 hours to be selected from 330, 331 or 334, 332, 333, 342, 361, 363, 365, 367.
- Theatre electives to complete 55 hours.

Teacher Education Sequence:

- 42 hours in Theatre required. Part of entitlement program leading to certification: secondary 6-12.
- Required courses: THE 100, 101, 110, 113/313, 130, 160, 185 (2 hrs), 237, 240, 280, 285 (2 hrs), 376, 385 and 1 course selected from 340, 341, 261 or 362.
- Students are required to enroll in THE 185/285 for a minimum of 1/2 credit hour their first semester and to complete a total of 4 credit hours of prescribed field activities in Theatre Education as a part of their program. The Department recommends that students who plan to teach in high school take COM 123 and 223. Second teaching field required.
- To qualify for certification, students must complete an education minor, the Professional Education Requirements, and the General Education Requirements as described in the Teacher Education Requirements—High School section of this *Undergraduate Catalog*.
- **NOTE:** Theatre majors are encouraged to participate in at least 1 Illinois State Theatre production each semester. Credit in THE 102 or 302 may be earned for this participation. Students are encouraged to earn practicum credit in at least 4 different areas of theatre experience, such as costume, technical, management, acting, lighting, make-up. All students may audition for productions after they have achieved second semester freshman status.

MINOR IN THEATRE

- 24 hours in Theatre required.
- Required courses: 100, 101, 110, 130, 160, and 240; 4 hours from 376 and 377; and Theatre electives to complete 24 hours.

Teacher Education Sequence:

- 24 hours in Theatre required.
- Required courses: THE 100, 101, 110, 160, 240, 385, and 376 or 377.
- Students registering for THE 160 may be required to take 1 hour of THE 102/302 Practicum.
- 4 hours of THE 185 and 285 are prerequisites for THE 385. For students without these prerequisites, the Minor in Theatre/Teacher Education Sequence may require 28 hours.
- **NOTE:** The Department recommends that students who plan to teach in high school take COM 123 and 223.

MINOR IN CINEMA STUDIES

- 18 hours of Cinema Studies required.
- Required courses: THE 170, 370, 371.
- 9 additional hours from: ENG 107; ART 252; THE 171, 270, 271, 370.

MINOR IN DANCE

- 24 hours required.
- Students in this minor must be sufficiently proficient in ballet, jazz, and modern dance to be placed in the second-level courses by audition. Students should begin their studio sequences with THE 205, 207, and 219. This minor may require more hours than listed for students with studio deficiencies.
- Required studio courses: THE 102/302 (1 hr), 125 (2 hrs), 205 (2 hrs), 207 (2 hrs), 219 (2 hrs), 228 (2 hrs), 261 (3 hrs), 305 (2 hrs), 307 (2 hrs), 372 (3 hrs), 373 (3 hrs).
- According to the minimum requirements for state teacher certification, students in any area that has no established state standards (such as Dance) must have 32 semester hours in the area in order to be endorsed. Students wishing endorsement must complete the minor and the following Teacher Education Sequence as well as BSC 181, Anatomy and Physiology, or the equivalent, which may substitute for the 3 hours of Theatre electives in the Sequence.

Teacher Education Sequence:

- HPR 153.10 (1 hr); THE 227 (2 hrs), 327 (2 hrs), and 3 hours of Theatre electives as approved by the Dance advisor.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Arts Technology Program

Director: Shari Zeck, 116 Center for the Visual Arts
(309) 438-8321

Degrees Offered: B.A., B.S.

The major in Arts Technology is a 55-hour interdisciplinary program in the College of Fine Arts that emphasizes theory, design, and practice in the application of computer technology to art, music, and theatre. The degree provides undergraduate training and experiences in arts technology to better prepare students with a broad range of knowledge and skills in multimedia design, including digital video and sound, computer graphics and theatre design, digital and MIDI music, and web design.

Admission and Retention Requirements: A student may enter the arts technology program as a new freshman, a transfer student, or as a change of major at Illinois State University. The Arts Technology program reserves the right to maintain a balanced enrollment and the number of freshman and transfer students wishing to enter the Arts Technology program may be restricted.

Students will be allowed to continue in the Arts Technology program who have completed the 11-hours Fine Arts Core and the 8-hours Arts Technology Core with grades of C or better, have met and continue to maintain a GPA of 2.5 from 300-level courses in Arts Technology curriculum with no grade less than a C, and have demonstrated competency through a portfolio review. The portfolio review will take place after completion of the Fine Arts Core of ART, MUS, or THE 276. The portfolio will contain examples of work in Arts Technology. Transfer and change of major students must meet the same course and portfolio review requirements, complete the Fine Arts and Arts Technology Core requirements, and have an overall GPA of 2.5 or better before being admitted to the program.

Academic Requirements: The 55 hours required for the degree are programmed as follows:

Fine Arts Core (11 hrs): This group of courses provides the student with a basic experience in reading and performing music, visual arts experience in drawing and design, and interdisciplinary fine arts history study: 3 hours from ART 103, 104 or 109; and 2 hours from MUS 118 or 119, 121, or 126; and 6 hours from ART 155, 156; MUS 151, 152, 156; THE 100, 170 or 171 in two different departments.

Arts Technology Core (8 hrs): This group of courses provides the student with a foundation of study in digital media and multimedia design: ART/MUS/THE 276; ART/MUS/THE 387; and ART/MUS/THE 350. (Prerequisites for 387 and 350 include completion of ART/MUS/THE 276; the Fine Arts Core; and the Arts Technology portfolio review.

Additional Fine Arts Study (18 hrs): This group of courses provides the student with fine arts training in the historical and theoretical foundations, skills, and performance and production experiences of the arts. Choose one area of Fine Arts emphasis from the departments of ART, MUS, or THE:

ART: 6 hours in addition to the ART course completed for the Fine Arts Core from ART 103, 104, or 109 and 12 hours from ART 226, 235, 236, 356, 232, 233, 261, 262, 252, or 363. OR

MUS: 6 hours in addition to the MUS course completed for the Fine Arts Core from MUS 118 or 119, 121, 126, or from Applied Music study (MUS 131-138 or 231-238); and 6 hours from MUS 100, 101 and 107, or 102 and 108; and 6 hours from MUS 203, 207, 265, 167, 175, 360, 205 or 305, or up to two credit hours of a music ensemble (MUS 139 or 239). Auditions may be required by the Music Department for some of these courses. OR

THE: 18 hours from THE 102, 110, 130, 160, 119 and 120, 101, 258, 260, 261 or 344.

Additional Arts Technology Study (15 hrs): Select from the following courses after completion of the Fine Arts Core, the Arts Technology, and the Arts Technology portfolio review.

- 3 hours from MUS 353, 354, 388, or 301 with music topics: and
- 3 hours from ART 359, 301 with graphic topics, or ART/THE 388 with graphic or theatre design topics: and
- 9 hours from any of the following courses, or other courses that emphasize Arts Technology applications with approval of the program advisor (ART/MUS/THE 206; ART/MUS/THE 301; and ART/MUS/THE 388 may be repeated with different topics or experiences): ART/MUS/THE 206; ART/MUS/THE 301; ART/MUS/THE 353; ART/MUS/THE 354; ART/MUS/THE 359; ART/MUS/THE 388; ART 351.24, 253, 351.85; or THE 367.

Capstone Experience in Arts Technology (3 hrs): Internship in Arts Technology (ART/MUS/THE 398.09 or comparable culminating experience in multimedia design as approved by the program advisor (e.g. ART/MUS/THE 287 or ART/MUS THE 206).

Theatre Courses

- 100 INTRODUCTION TO THE LITERATURE OF THE THEATRE** 3 F,S
Survey of literature of theatre from the Greeks to the present. Emphasis is on the study of structure, genres, and history of the period in which the play was produced.
- 101 ORAL INTERPRETATION OF LITERATURE** 3 F,S
The individual performance of non-dramatic literature as an approach to the study of literature and performance.
- 102 THEATRE PRACTICUM** 1-2 F,S
May be repeated.
Production experience in the areas of acting, costume and scenery preparation, production crew, box office, and stage management.
- 105 MODERN DANCE I** 2 F,S
Formerly HPR 122.
An introduction to modern dance through technique, improvisations, and composition.

- 106 MODERN DANCE II** 2 F,S
THE 105 req. Formerly HPR 122.02.
Continuation of THE 105 with emphasis on technique.
- 107 BALLET I** 2 F,S
Formerly HPR 123.
An introduction to the techniques and style of ballet.
- 108 BALLET II** 2 F,S
THE 107 or conc reg or cons inst req. Formerly HPR 123.02.
A continuation of 107.
- 110 ACTING I** 3 F,S
Maj/min only. Cons inst req. May be repeated; max 6 hrs. Formerly BASIC ACTING.
Basic skills and concepts of acting. Exploration of the actor's internal (psychological-emotional) resources through exercises, discussions, and performance projects.
- 113 ACTING II** 3 S
THE 110 or equiv, and cons inst req. Not for cr if had THE 313.
Analysis, rehearsal, and performance of representative scripts.
- 114 TAP I** 2 F
Formerly HPR 125.
An introduction to the techniques and styles of tap dance.
- 115 TAP II** 2 S
THE 114 or cons inst req. Formerly HPR 125.02.
A continuation of THE 114.
- 119 JAZZ DANCE I** 2 F,S
Formerly HPR 124.
An introduction to the techniques and styles of jazz dance.
- 120 JAZZ DANCE II** 2 F,S
THE 119 or cons inst req. Formerly HPR 124.02.
A continuation of 119.
- 125 DANCE COMPOSITION I** 2 F
THE 205 and/or 207, or cons inst req. Formerly HPR 165. Offered even-numbered years.
Theory and practice in spatial, temporal, and dynamic design applied to choreography.
- 130 INTRODUCTION TO COSTUME** 3 F,S
Lab arranged.
Study and practical application of costume construction techniques and the study of basic costume design practice.
- 151 HISTORY OF THE THEATRE IN WESTERN CULTURE** 3 F,S
Not for cr maj/min.
Introductory survey of the history of the Western theatre from its origins to the present, with particular emphasis on the influences of previous theatrical periods on the theatre of our time.
- 152 EXPERIENCING THEATRE** OC-KD/FA 3 F,S
IDS 100; ENG 101; COM 110 req. Theatre attendance req.
Exposure to and application of the various artistic perspectives that share the collaborative process of theatrical production.

153 INTRODUCTION TO ACTING 3 F,S*Not for cr maj/min.*

Introduction to process and nature of acting; variety of theatre experiences to encourage an understanding and appreciation of actor's craft.

154 INTRODUCTION TO BLACK**DRAMA AND THEATRE 3 F,S**

Exploration of the plays of the African-American dramatist from the Harlem Renaissance to the Black Arts Movement through lecture, discussion, and workshop techniques.

160 STAGECRAFT 3 F,S*Lab and/or conc reg; THE 102 or 302 req.*

Theory and technique of basic construction and rigging procedures.

170 INTRODUCTION TO FILM ART 3 F,S

Artistic and social values of the cinema as a contemporary art form. Screening and discussion of selected films.

171 HISTORY OF THE AMERICAN FILM 3 S

The art and thought of 20th-century American life as interpreted through the film.

176.01 ARTS AND SOCIETY:**THEATRE OC-DKCC/FA 3 F,S***IDS 100; ENG 101; COM 110 req.*

Examination of the relationship between theatre and politics/culture.

176.02 ARTS AND SOCIETY:**FILM OC-DKCC/FA 3 F,S***IDS 100; ENG 101; COM 110 req. Film screening req.*

Examination of film's influence on society, and society's influence on film.

183 PUPPETRY 3 S*Also offered as ART 183.*

Introduction to the performance art of puppetry and its educational applications: history, staging, construction, and manipulation of hand, rod, and shadow puppets.

185 CONTINUING ORIENTATION TO THEATRE EDUCATION I 1/2 F,S

Theatre Ed maj only, who must enroll for 1/2 hr per sem for 8 sem in THE 185 and 285 for a total of 4 hrs. Conc reg possible; exceptions (especially for transfer students) by cons dept chair. Structured as program with a series of self instructional projects, req experiences, formal class meetings, and sequential developmental evaluations which are to be completed prior to student teaching. Incl Clin Exp: 5-30 hrs, Type 1-4.

Principles of administering a secondary-school theatre program as a learning facilitator, co-curricular director, and theatre professional.

205 INTERMEDIATE MODERN DANCE 2 F,S*Cons inst req. May be repeated; max 6 hrs. Formerly HPR 162.*

Intermediate techniques and theory of modern dance.

206 COMPUTER ARTS**PERFORMANCE STUDIO 1-3 F,S, Summer***Cons instr req. May be repeated if cont different. Also offered as ART/MUS 206.*

Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

207 INTERMEDIATE BALLET 2 F,S*Cons inst req. May be repeated; max 6 hrs. Formerly HPR 163.*

Intermediate ballet technique and theory.

211 VOCAL TECHNIQUE**FOR THE ACTOR I 3 F***THE 113 or equiv, 30 hrs, and cons acting faculty req. Not for cr if had THE 111 or 311. Formerly THE 311.*

Studies in relaxation, breathing, alignment, tonal focus, and articulation, leading to an understanding of the actor's vocal life and demands.

212 VOCAL TECHNIQUE**FOR THE ACTOR II 3 S***Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 211, soph/jr standing, and cons Acting faculty req. Formerly THE 317.*

Advanced studies in theatre voice for actors, including diction, scansion, performance of Shakespeare texts, dialects and lifestudies.

219 INTERMEDIATE JAZZ DANCE 2 F,S*Cons inst req. May be repeated; max 6 hrs. Formerly HPR 161.*

Intermediate techniques and theory of jazz dance.

220 STAGE MOVEMENT I 3 F*THE 113 or equiv, 30 hrs, and cons of acting faculty req. Formerly THE 320.*

Fundamental principles of stage movement, including self-awareness, flexibility, relaxation, and physical characterization.

221 STAGE MOVEMENT II 3 S*Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 220, soph/jr standing, and cons inst req. Formerly THE 321.*

A continuation of Movement I with a focus on physical characterization for period styles including Shakespeare, Restoration and Farce.

225 DANCE COMPOSITION II 2 S*THE 125 or conc reg req. Formerly HPR 365. Offered odd-numbered years.*

Continued development of theoretical concepts of choreography with emphasis on form and group compositions.

226 DANCE FOR CHILDREN 2 F*THE 106 req. Incl Clin Exp: 5-20, Type 1-4.*

Methods and materials in traditional and creative activities; interrelationships of dance with the other arts.

227 DANCE PEDAGOGY I 2 F*Adm to Teacher Ed req for Teacher Ed Seq. Incl Clin Exp: 20 hrs, Type 1-4. Formerly HPR 260. Offered odd-numbered years.*

Basic principles and techniques of teaching dance in schools, studios, and agencies; planning lessons and teaching in selected dance activity classes.

228 SPECIAL TOPICS IN DANCE 1-3 F,S

May be repeated; max 6 hrs. Formerly HPR 269.

Intensive study of selected dance forms, styles, or repertory.

237 STAGE MAKE-UP 2 F,S

THE 100 req. Materials charge optional.

Introduction to make-up technique through lecture-demonstration and laboratory practice. Development of ability in corrective and prosthetic make-up for characterization.

240 PRINCIPLES OF STAGE DIRECTION 3 F,S

THE 100, 110 and 160 req.

Acquaints the student with the basic principles of stage direction and provides a basic vocabulary and methodology.

258 INTRODUCTION TO SCENOGRAPHIC TECHNIQUES 3 F

THE 160 req.

Exploration/application of graphic fundamentals for use in theatrical design. Emphasis on drafting and mechanical perspective techniques for the theatre.

260 TECHNICAL PROCEDURES 3 F or S

THE 160 req. May be repeated; max 6 hrs.

Procedures and problems of technical production.

261 LIGHTING FOR STAGE AND TELEVISION 3 F or S

THE 160, 258 or cons inst req.

Instrumentation, aesthetics, application of theatrical and television lighting through classroom/laboratory study.

270 THE DOCUMENTARY IN FILM AND BROADCASTING 3 S

Also offered as COM 270.

Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio.

271 SURVEY OF NON-WESTERN FILM 3 S

Cross-cultural study of the historical and aesthetic development of non-Western national cinemas through selected African, Indian, Japanese, and Chinese films.

275.01 WORLD ARTS:

THEATRE OC-DKCC/FA 3 F,S

IDS 100; ENG 101; COM 110 req; MC-LH category req.

Introduction to the theatre of Asia, the Middle East, Africa, and Latin America.

275.02 WORLD ARTS:

FILM OC-DKCC/FA 3 F,S

IDS 100; ENG 101; COM 110 req; MC-LH category req. Film screening req.

Introduction to film from Asia, the Middle East, Africa, and Latin America.

276 BASIC SKILLS IN THE DIGITAL ARTS 2 F,S,Summer

Fine Arts maj/min or cons inst req. Also offered as ART/MUS 276. Formerly INTRODUCTION TO MICRO-COMPUTER APPLICATIONS IN THE ARTS. Materials charge optional.

Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

280 CREATIVE DRAMA 2-3 F,S

El Ed maj should reg for 2 hrs and conc reg ART 205, MUS 277 rec. Conc reg ART/MUS/THE 250 rec. THE Ed maj/min and all others should reg for 3-hr section. Observations and practical activities req. Incl Clin Exp: 4 hrs, Type 1.

Drama in instructional situations for preschoolers through adults, including theory and activities for personal creative growth and teaching both the arts and non-arts subjects.

285 CONTINUING ORIENTATION TO THEATRE EDUCATION II 1/2 F,S

Incl Clin Exp: 5-75 hrs, Type 1-4.

Continuation of THE 185: principles of administering a secondary school theatre program as a learning facilitator, co-curricular director, and theatre professional.

300 TOPICS IN THE LITERATURE OF THE THEATRE 3 F or S

THE 100 req. May be repeated. Formerly TOPICS IN THE LITERATURE OF THE MODERN THEATRE.

Examination of dramatic literature, which may also include dramatic criticism, analysis systems, discussions of plays in performance and/or dramatic/theatrical theory. Course content will vary.

301 COMPUTER ARTS APPLICATIONS 1 F,S,Summer

Cons inst req. May be repeated if cont different. Also offered as ART/MUS 301.

Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

302 THEATRE PRACTICUM 1-3 F,S

May be repeated.

Production experience in the areas of acting, costume and scenery preparation, production crew, box office, and stage management.

305 ADVANCED MODERN DANCE 2 F,S

Cons inst req. may be repeated; max 6 hrs. Formerly HPR 362.

Intermediate techniques and theory of modern dance.

307 ADVANCED BALLET 2 F,S

Cons inst req. May be repeated; max 6 hrs. Formerly HPR 363.

Intermediate-advanced ballet technique and theory.

309 DIRECTED PROJECTS 1-3 F,S

Cons inst req. May be repeated.

Individually supervised study for the advanced student.

313 ACTING II 3 S

Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 110 or equiv, jr standing, and cons Acting faculty req. Not for cr if had THE 113. Formerly SCRIPTED MATERIAL.

Analysis, rehearsal, and performance of representative scripts.

314 ACTING STYLES: DISCOVERY AND PERFORMANCE 3 F,S

Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 211, 220, jr standing, and cons Acting faculty req.

Performance styles of a particular playwright, period, or medium, including Topic .01 Realism, Topic .02 Shakespeare, Topic .03 On Camera, Topic .04 Indian Theatre, Topic .05 Special Topics, and Topic .06 Animals.

- 322 AUDITIONING** 3 F,S
Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 211, 220, 6 hrs 314, sr standing, and cons Acting faculty req.

Preparation, performance, and evaluation of numerous audition projects; discussion of the actor's search for employment in the professional theatre.

- 324 STAGE MOVEMENT III** 2 F,S
Acting maj only with GPA 2.0 overall and 3.0 in Acting seq. THE 220, 221 or equiv, jr/sr standing, and cons Acting faculty req. May be repeated.

Specialized movement training, varying in areas of study, including stage combat, mask, poeriod movement, physical comedy, Alexander Technique and mime.

- 332 COSTUME CONSTRUCTION** 3 S
THE 130 and cons inst req. Lab arranged. Offered even-numbered years.

Pattern drafting, draping, fitting, and specialized construction techniques for the theatrical costume craftsman.

- 333 COSTUME CRAFTS** 3 S
THE 130 req. Materials charge optional. Offered odd-numbered years.

Theory and technique of costume construction and use of special materials.

- 334 HISTORY AND STYLES OF STAGE COSTUMING II** 3 F
THE 135 req. Offered odd-numbered years.

The costume's reflection of cultural and social milieu and the costume's application to the stage: 1625 to 1900.

- 340 DIRECTING WORKSHOP** 3 S
THE 240 req. May be repeated; max 6 hrs toward degree program.

Principles and methodologies of stage direction applied to particular problems in a workshop format.

- 341 ORAL INTERPRETATION OF LITERATURE II (Directing/Performance)** 3 S
THE 101 or cons inst req.

Group forms of Interpretation—Readers Theatre and Chamber Theatre, with experiences to provide the student with practical applications of theory and principle.

- 342 STAGE MANAGEMENT** 3 F or S
THE 130, 237, 240 req. Conc participation as a stage manager or assistant stage manager for a Mainstage or Studio production req.

Theory and application of the basic principles of stage management for intermediate and advanced Theatre students.

- 344 PRINCIPLES OF THEATRE MANAGEMENT** 3 S
Lab arranged.

Introduction and demonstration of the practices and procedures of theatre management in today's theatre.

- 345 ADVANCED THEATRE MANAGEMENT** 3 F
THE 344 or cons inst req.

Intensive work in business management techniques for arts organizations, including management practices, union contracts, payrolls, budgeting and income controls.

- 348 PLAYWRITING** 3
Also offered as ENG 348.

Playwriting techniques of selected masters with practical application of techniques in writing original plays.

- 350 SOFTWARE DESIGN IN THE ARTS II** 3 S
ART/MUS/THE 387 or cons inst req. Also offered as ARTMUS 350.

Designing online digital projects for the Internet which use Web and multimedia techniques to create aesthetic models for art, music, and theatre expression.

- 353 COMPUTER MUSIC NOTATION** 3 S
Cons inst req. Also offered as ART/MUS 353.

Study of computer-based music printing and an introduction to MIDI for note entry and proof reading of musical scores.

- 354 SEQUENCING AND DIGITAL AUDIO** 3 S
Cons inst req. Also offered as ART/MUS 354.

Study of music synthesis through MMIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

- 359 COMPUTER-BASED ART AND GRAPHIC DESIGN** 3 F,S
ART/MUS/THE 386 or cons inst req. Also offered as ART 359. Materials charge optional.

Application of advanced 2- and 3-dimensional graphics programs to solve creative problems in the visual and theatrical arts.

- 361 ADVANCED STAGE LIGHTING** 3 F or S
THE 258, 261 or cons inst req. Lab arranged.

Lighting design for proscenium and non-proscenium production; attention to system design.

- 362 STAGE DESIGN** 3 S
THE 160 and 258 or cons inst req.

Nature, function, and aesthetics of scene design, with practice in composition.

- 363 ADVANCED DESIGN** 3 F
THE 362 req. May be repeated; max 6 hrs toward degree program.

Intensive work in the areas of design and rendering for the stage; emphasis upon new materials and techniques.

- 364 ADVANCED PROJECTS IN DESIGN** 2-4 F,S
May be repeated.

Design and production problems as they relate to productions being mounted by the Department of Theatre. Emphasis placed upon creative and collaborative aspects of producing theatre.

- 365 SCENE PAINTING** 3 S
Materials charge optional.

Development of the skills necessary for the organization, preparation, and execution of painted scenery for the stage.

- 366 RENDERING TECHNIQUES FOR THE STAGE** 3 S
THE 130, 160, 258, 261, or cons inst req. May be repeated; max 6 hrs toward degree program.

A studio course investigating 2D and 3D graphic techniques for realizing theatrical designs. Content varies; various media and applications emphasized.

367 SCENOGRAPHIC TECHNIQUES 3 F or S*Cons inst req.*

Descriptive geometry and drafting techniques that are necessary in developing 3-dimensional stage space and scenic units into plans, elevations, and working drawings.

370 HISTORY OF THE CINEMA 3 F,S*Lab: screening of significant films. May be repeated; max 6 hrs.*

Historical and aesthetic development of the cinema. Course content will vary.

371 FILM THEORY AND CRITICISM 3 F*THE 170 or cons inst.*

Theories relating to the art of filmmaking.

372 HISTORY AND PHILOSOPHY OF DANCE I 3 S*Formerly HPR 366.*

History, philosophy, and development of dance as a social and cultural medium from primitive times through the 16th century.

373 HISTORY AND PHILOSOPHY OF DANCE II 3 S*Formerly HPR 367.*

History, philosophy, and development of dance from the 17th century to the present.

376 THEATRE HISTORY I 4 F*THE 100 req.*

History of drama and theatrical production from its origin to approximately 1650.

377 THEATRE HISTORY II 4 S*THE 100 and 376 req.*

History of drama and theatrical production from the late 17th century to the present.

378 SHAKESPEARE ON STAGE 3 Summer*May be repeated once. Also offered as ENG 378.*

Intensive study of Shakespeare's plays in production. For the student with adequate familiarity with Shakespeare and his works.

381 CREATIVE DRAMA PRACTICUM 2-3 F,S*THE 280 and cons inst req. May be repeated; max 6 hrs. Incl Clin Exp: 10 hrs min, Type 10.*

Practical experience in creative drama teaching by leading a class in drama under faculty supervision for a semester. The course is graded (A-F).

385 PRINCIPLES OF THEATRE EDUCATION 5 F*THE 285; C or better in C&I 216 or conc reg req. Incl Clin Exp: hrs 5-100, Type 1-5. Adm to Teacher Ed req.*

Philosophies of theatre education, teaching strategies, co-curricular programs, textbook analyses, professional organizations, and related field experience.

387 SOFTWARE DESIGN IN THE ARTS I 3 F*Also offered as ART/MUS 387. Formerly SOFTWARE DESIGN IN THE ARTS. Materials charge optional.*

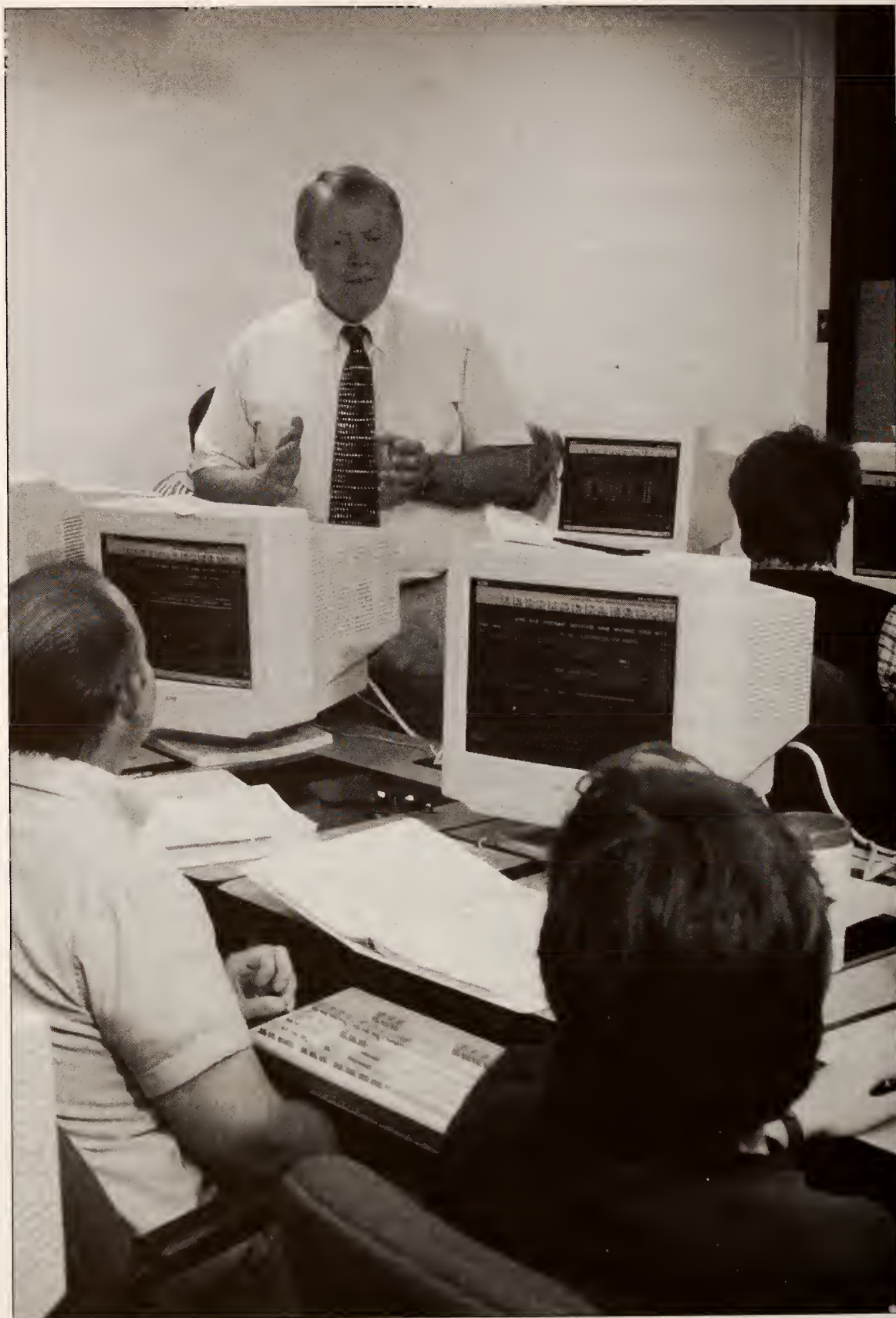
Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.

388 SELECTED TOPICS IN ARTS TECHNOLOGY 3 F*ART/MUS/THE 276 or cons inst req. Also offered as ART/MUS 388. May be repeated if content different. Materials charge optional.*

Varied emphasis reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.

398 PROFESSIONAL PRACTICE IN THEATRE 1-6 F,S

Supervised theatre work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised by the Theatre Department.



MENNONITE COLLEGE OF NURSING

Dean: Nancy Ridenour, 312 Edwards Hall

Mission

The mission of Mennonite College of Nursing is to educate undergraduate and graduate nursing students to serve the citizens of Illinois, the nation, and the global community. Mennonite College of Nursing acknowledges a particular responsibility to address the nursing and health care needs of urban and rural populations, including those who are vulnerable and underserved. The College of Nursing builds upon the educational foundation previously acquired by students. The College creates a dynamic community of learning in which reflective thinking and ethical decision-making are valued. Mennonite College of Nursing is committed to being purposeful, open, just, caring, disciplined, and celebrative.

Philosophy

In fulfilling its mission, Mennonite College of Nursing has historically been guided by four core values: the affirmation of the dignity and worth of all persons; the recognition of the wholeness of life; the responsible use of nature; and the promotion of a life of peace. At the heart of the College's philosophy is the belief that all people share a common humanity. Each person must be regarded as having special biological, psychological, sociocultural and spiritual dimensions and possessing the inherent rights and responsibilities of freedom of choice and self-determination. Based on these beliefs, the College strives to grow as a caring community that supports the development of the total individual.

A vital interactive relationship exists between humankind and the environment. Environment affects each person's biological being and extends beyond physical surroundings to encompass roles, relationships, and societal structures. Because all human beings influence and are influenced by their environment, all must assume the responsibility to protect the social and natural environments in which they share.

Health is a dynamic state influenced by individual, environmental and hereditary factors. State of health, which significantly influences quality of life, is shaped by many factors, including an individual's decision-making and behaviors. Pursuit of wellness is the right and responsibility of each person. Nursing holds the potential to strengthen each human being pursuing optimal health and achieving a harmony of body, mind and spirit.

Nursing is a profession that continues to evolve through research, theory, and practice. Professional nursing, encompassing a range of therapeutic interventions

aimed at promoting and restoring health, addresses actual and potential health care needs of individuals, families, groups, and communities. Nursing care is delivered in diverse settings in a systematic manner through use of the nursing process. In providing their professional services, practitioners of nursing manifest role dimensions that are collaborative and independent in nature. Because dynamic social forces influence the nature and scope of nursing practice, critical thinking, effective communication, and caring are abilities required for professional nursing practice in changing environments.

As a profession, nursing adheres to standards of practice and ethical codes as a means of ensuring quality care for all persons. The current Illinois Nursing Act serves as the legal basis for the practice of nursing in the State of Illinois.

Mennonite College of Nursing is committed to cultivating the personal and professional potential of each member of the College community. The faculty believe that learning as a life-long process is promoted when intellectual inquiry, creativity, self-awareness, self-direction, maturity, and responsibility are valued. Learning is a process of developing human potential through the interaction of the individual with the environment. This interaction aims to achieve positive attitude changes, knowledge acquisition, and professional competence.

The faculty of Mennonite College of Nursing believe that the knowledge, attitudes, and skills required for professional nursing are best achieved when built upon a solid foundation of study in the humanities and sciences. The faculty value a liberal arts education, which fosters an understanding of society and provides a humanistic basis for the study of nursing. Baccalaureate nursing education prepares the graduate for the practice of professional nursing and provides the basis for graduate study in nursing. Masters-level nursing education prepares nursing leaders and advanced practitioners, advances nursing scholarship, and provides the foundation for doctoral study.

The College offers a graduate program leading to the Master of Science in Nursing. The College offers a Family Nurse Practitioner Sequence and a Nursing Systems Administration Sequence, as well as a Post Master's Family Nurse Practitioner (FNP) Certificate.

Values

Broader in scope than the professional and personal aims expressed in the mission and philosophy of Mennonite College of Nursing are four interactive values. These values are the affirmation of the dignity and worth of all persons; a recognition of the wholeness of life; the responsible use of nature; and the promotion of a life of peace.

Terminal Outcome Abilities

Upon completion of the baccalaureate nursing program, the graduate will possess the following terminal outcome abilities.

Caring: The student will use a variety of caring modalities that promote health, healing, and dignity throughout the life span.

Critical Thinking: The student will use critical thinking to make judgments and develop therapeutic nursing interventions for optimal health.

Communication: The student will communicate effectively with individuals, families, and groups.

Professional Practice: The student will assume accountability for professional practice in contemporary society through the application of theory-based knowledge.

Accreditation

The Nursing program is fully accredited by the National League for Nursing Accrediting Commission (61 Broadway, New York, NY 10006; Ph: 212-368-5555) and also is approved by the Illinois Department of Professional Regulation. Memberships include the National League for Nursing, Council of Baccalaureate and Higher Degree Programs, the Illinois Council of Baccalaureate and Higher Degree Programs and the American Association of Colleges of Nursing.

Admission Requirements

Admission to Pre-Nursing:

New freshmen will be classified as pre-nursing majors at their request if they meet the University admission requirements. Continuing and new transfer students with less than 60 semester hours of transfer credit at the time of enrollment, who meet University admission requirements, will be classified as pre-nursing majors at the time of admission. The classification of the pre-nursing major does not guarantee admittance to the Nursing Major.

Admission to Nursing Major:

Admission Deadlines: Applications received prior to February 15 for admission consideration the following Fall will receive preferential admission review over applications received at a later date.

Students may be admitted into the Nursing Major from a pool of qualified applicants on the basis of individual qualifications. Students are admitted into the Nursing Major on a competitive and selective basis. The number of students admitted into the major may vary from year to year depending on program capacity and qualifications of students in the pool. The College of Nursing reserves the right to maintain

a balanced enrollment. GPA and course requirements for transfer student admissions are the same as change of major (within Illinois State). Prospective transfer students are urged to file an Application for Admission to Illinois State University early. A student with 30 or more hours may submit an application for admission consideration to the Nursing Major in the Prelicensure/BSN Sequence based on the following specific requirements.

Admission to Prelicensure/BSN Sequence:

To be considered for admission to the Nursing Major, a student must:

- Have completed the Illinois State University General Education Program or the Illinois Transferable General Education Core Curriculum including specific required courses: CHE 110, 112; ECO/GEO/POS/PSY 138 or MQM 100 or PSY 240 or SOC 275; PSY 110, 113; BSC 160, 181, 182, 183, and FCS 102; for a total of 59 semester hours; with a C or better in each of these specific required courses;
- Have completed a course qualifying as a Global Studies Course;
- Have a minimum cumulative GPA of 2.7.

Early Admission:

Students enrolled at Illinois State University and new applicants with fewer than 30 hours earned who have a composite ACT of 24 or higher may be granted early admission status to the College of Nursing. For those students with credit hours earned, a cumulative GPA of 3.0 is required prior to final acceptance for early admission status. Students who are granted early admission status must maintain an ongoing cumulative GPA of 2.7 and earn a grade of "C" or better in all specific required prerequisites in order to continue with this status. Any student not adhering to the above criteria will be moved to pre-nursing major status.

Students enrolled at Illinois State University and transfer students with more than 30 hours earned but fewer than 60 hours earned may be granted early admission status to the College of Nursing if they have a cumulative GPA of 3.25. GPA must be verified prior to final acceptance for early admission status. Students who are granted early admission status must maintain an ongoing cumulative GPA of 2.7 and earn a grade of "C" or better in all specific required prerequisites in order to continue with this status. Any student not adhering to the above criteria will be moved to pre-nursing status.

Admission to RN/BSN Sequence:

To be admitted to the Nursing Major, an RN student must:

- First be admitted to Illinois State University;
- Be a graduate from a state-approved diploma school of nursing or an associate degree nursing program;

- Be licensed as a registered nurse in the State of Illinois;
- Have completed the Illinois Transferable General Education Core Curriculum including specific required courses: CHE 110, 112; ECO/GEO/POS/PSY 138 or MQM 100 or PSY 240 or SOC 275; PSY 110, 113; BSC 160, 181, 182, 183, and FCS 102; with a C or better in each of these specific required courses;
- Submit one recommendation form from a current employer (if not employed, may be from a recent college instructor or academic advisor).

Academic Requirements:

The following academic requirements apply to all students enrolled in Mennonite College of Nursing.

Prelicensure/BSN Sequence:

- 65 hours of major courses required, including: NUR 221, 225, 229, 231, 233, 235, 237, 239, 323, 325, 327, 329, 339; and 3 hours of elective credit from: NUR 201, 203, 205, 301, 303, 305, 307, 309, 311, 313, or 315;
- C or better required in all Nursing courses for retention in the Major.

RN/BSN Sequence:

- 65 hours of major courses required, including: NUR 223, 227, 235, 237, 239, 241, 329, 331, 339, 341; and 33 semester hours earned as Escrow Credit;
- C or better required in all Nursing courses for retention in the Major.

Nursing courses are "held in escrow" for the student until successful completion of three specified Nursing upper-division courses: NUR 223, 227, and 235. Once these three courses have been successfully completed through enrollment, thirty-three (33) credits are placed on the student's transcript for the following Nursing courses: NUR 229, 231, 233, 323, and 325.

Portfolio assessment and proficiency examinations are available for specific courses.

Transfer Requirements:

Mennonite College of Nursing maintains cooperative relationships with eight regional postsecondary institutions. These institutions are Eureka College, Greenville College, Heartland Community College, Illinois College, Illinois Valley Community College, Lincoln College, Monmouth College, and Springfield College in Illinois. In addition to meeting the admission requirements of the University, the transfer applicant must meet the admission requirements of the Nursing program.

Retention Requirements:

Students must maintain a cumulative GPA of 2.0 and a C or better in all required Nursing courses to remain in the Nursing Major. When a student fails to maintain a cumulative GPA of 2.0 or a grade of C in any course in the Nursing Major, the student is placed on major academic alert. This status alerts the student to the danger of dismissal from the Nursing Major. Dismissal from the Nursing Major results when a student receives a grade of D or F, without consideration of course repetition, in 2 Nursing clinical courses, or 1 Nursing clinical course and 2 Nursing theory courses, or 3 Nursing theory courses.

All students are required to participate in the College Success Plan which is designed to provide: 1) an assessment of each students' ability to understand and apply theoretical and clinical knowledge related to clinical courses as they progress through the curriculum; 2) assessment and outcome data for curriculum consideration; 3) an assessment of each students' preparedness to be successful on the state licensing exam (NCLEX-RN); and 4) intervention guidelines to address any deficiencies that a student may demonstrate in understanding and applying theoretical and clinical knowledge related to clinical courses. Details of the Success Plan are available in the College of Nursing administrative offices.

Core Performance Standards:

Outcome Ability	Standard		Behavior Examples
Caring	A.	Gross and fine motor abilities enabling the provision of safe and effective nursing care	<ul style="list-style-type: none">• Cardiopulmonary resuscitation• Position patient, assist in and out of bed• Manipulation of equipment: I.V. therapy• Syringes for injections, insertion of catheter• Sterile techniques and universal precautions• Efficiently move around in limited spaces of patient rooms and treatment areas.
	B.	Auditory ability sufficient to monitor and assess health needs	<ul style="list-style-type: none">• Response to emergency alarms• Response to cries for help• Use of a stethoscope to obtain audible breath, bowel and heart sounds• Response to verbal commands in emergency
	C.	Visual ability sufficient for observations and make assessments essential to nursing care.	<ul style="list-style-type: none">• Recognition of digital readouts from bedside monitors• Peripheral vision that encompasses clinically significant visual space• Reading medication, orders and policies
	D.	Tactile ability sufficient for physical assessment	<ul style="list-style-type: none">• Perform palpitation to confirm inspection• Perform functions of physical examination and/or those related to therapeutic intervention, e.g. texture, temperature, moisture, swelling
	E.	Olfactory ability sufficient to monitor the physical environment	<ul style="list-style-type: none">• Detecting smoke• Detecting potentially hazardous conditions
Communication	A.	Ability to interactively communicate in the classroom and clinical environment through verbal, non-verbal, and written form	<ul style="list-style-type: none">• Non-verbal communication in appropriate circumstances, e.g. facial expressions, eye contact and body language• Communication through use of spoken words in an intelligible, conversational pace• Explain treatment procedures• Document and interpret nursing actions and patient response• Communication through use of computer technology
	B.	Interpersonal skills sufficient to interact with individuals, families and groups	<ul style="list-style-type: none">• Establish rapport with patients, families, and colleagues from diverse backgrounds
Professional Practice	A.	Participate in the evaluation process	<ul style="list-style-type: none">• Evaluation of self• Evaluation of patients• Evaluation of environments
	B.	Organizational skills	<ul style="list-style-type: none">• Personal accountability• Time management
	C.	Emotional stability sufficient to adapt to a changing environment	<ul style="list-style-type: none">• Deal with the unexpected• Focus attention• Control emotions
Critical Thinking	A.	Critical thinking ability sufficient for clinical judgment	<ul style="list-style-type: none">• Identify clinically significant cause/effect relationships• Develop nursing care plans, calculate medications
	B.	Ability to use the scientific process	<ul style="list-style-type: none">• Problem solving• Set priorities

Clinical Experience for Nursing:

Clinical Experience is provided by an extensive clinical network of over 50 off-campus agencies including but not limited to hospitals, nursing homes, community centers, public health departments, long-term care facilities and other approved clinical learning settings. All students will begin their Clinical Experiences in the junior year; the students must provide their own transportation to all Clinical Experience sites.

NURSING (NUR) 581

(309) 438-7400

Tenured/Tenure-track Faculty: Campbell, Fowles, Jeffers, Konradi, Mallory, McCray, Walpole, Wilson

Faculty: Clemens, Kaesberg, Kennell, Kossman, Lindsey, Little, Pachis, Peterson, Redding, Sullivan

General Information

Should a course not be held due to inadequate enrollment, those individuals who had registered for the course will be contacted and changes in the program of study made. Information regarding other policies and procedures of Mennonite College of Nursing, student advising, student services provided, information about endowed scholarships and other private funding sources, and Student Honors and Awards Program is available in the College administrative offices.

Nursing Courses**201 COUPLE RELATIONSHIPS:
AN OVERVIEW**

1

NUR maj only. Formerly NUR 409.

Experimental approach to the study of relationships and an overview of relationship communication strategies, theory, and research.

203 WOMEN'S HEALTH

1

NUR maj only. Formerly NUR 416.

Examination of women's health issues from historical, psychological, and social perspectives.

**205 HUMAN SEXUALITY ACROSS
THE LIFE CYCLE**

1

NUR maj only. Formerly NUR 417.

Exploration of sociocultural, personal, interpersonal, ethical, legal, and medical aspects of human sexuality across the life cycle.

**221 INTRODUCTION TO THE
DISCIPLINE OF NURSING**

3 F,S

NUR maj only. Formerly NUR 310.

Classroom and small group activities provide introduction to historical and contemporary theoretical, social, political, legal, and ethical influences of nursing.

**223 CONCEPTS AND PRACTICE OF
PROFESSIONAL NURSING**

4 F

RN license req.; NUR maj only. Formerly NUR 305.

The roles of the nurse in controlling professional practice are introduced. Reflective practice, nursing theories, historical, ethical, political, and legal issues and trends are considered.

**225 HEALTH ASSESSMENT
OF THE ADULT**

4 F,S

NUR maj only; NUR 221 or conc reg req. Lecture and lab. Formerly NUR 311.

Classroom and laboratory experiences provide the knowledge and skills necessary for a holistic assessment of adult clients. Expected age-related changes in older adults are also addressed.

**227 HEALTH ASSESSMENT ACROSS
THE LIFE SPAN**

3 F

RN license req.; NUR maj only. Formerly NUR 315.

Expansion of basic knowledge and skills of physical assessment with added dimensions of psychosocial, cultural, and spiritual needs of clients across the life span.

229 ADULT NURSING I

6 F,S

NUR maj only; NUR 221, 225, 239 or conc reg req; PSY 110 req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 320.

Theory and skills related to the care of adults, especially older adults, with commonly occurring health deviations are learned then applied within community-based practicum settings.

231 ADULT NURSING II

7 F,S

NUR 221, 225, 229; and NUR 339 or conc reg req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 322.

Application of theory and skills necessary to plan, implement, and evaluate therapeutic nursing interventions for adults with commonly occurring acute and chronic health deviations.

**233 PSYCHIATRIC-MENTAL
HEALTH NURSING**

6 F,S

NUR 221, 225, 229; and NUR 231 and 339 or conc reg req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 323.

Focus on individual and family responses to stress along the developmental and wellness-illness continuums. Emphasis on theory-based psychiatric-mental health nursing practice.

**235 RESEARCH FOR PROFESSIONAL
NURSING PRACTICE**

2 F,S

NUR maj only. RN License req for conc reg in ECO/GEO/POS/PSY 138 or MQM 100 or PSY 240 or SOC 275. Formerly NUR 331.

Beginning level knowledge and skills necessary to critically read, interpret, and evaluate research as the scientific basis for nursing practice.

**237 CULTURAL AND SPIRITUAL
DIMENSIONS IN HEALTHCARE**

1 F,S

NUR 221, 225 req. Formerly NUR 333.

Role of nurse as culturally sensitive caregiver explored while learning about health attitudes, beliefs, and practices of culturally and spiritually diverse populations.

- 239 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING I** 3 F, S
NUR 221 or conc reg req. BSC 160 req. Formerly NUR 334.

Exploration of development of commonly occurring health deviations and pharmacodynamic effect of therapeutic drugs on the human body.

- 241 APPLIED NURSING RESEARCH** 1 F, S
RN license req.; NUR maj only; NUR 235 or conc reg req.

Research utilization models are introduced in clinical practice to improve client outcome.

- 301 CLINICAL ELECTIVE** 1
NUR 229 or 231 or 233 or 323 req. Formerly NUR 407.
 Concentrated clinical experiences in a specialized clinical area, with a selected population.

- 303 SPECIAL TOPICS IN NURSING AND HEALTH** 1-3
NUR maj only. Formerly NUR 410.

In depth exploration of special topics in nursing and health.

- 305 EMERGENCY NURSING** 1-2
NUR 325 or conc reg req. Formerly NUR 415.
 Application of the nursing process to clients across the life cycle requiring emergency care.

- 307 THE NURSE AS EDUCATOR** 1
NUR maj only. Formerly NUR 410.
 Theories, principles, resources, measurement, and marketing related to learning are explored.

- 309 ART OF CARING AND HEALING** 2
NUR 221 req. Formerly NUR 418.
 Exploration of caring and healing philosophy for the caregiver, building effective caring relationships, and the theoretical grounding for caring and healing.

- 311 IMAGE OF NURSING** 1
NUR 221, 225, 229, 239 or conc reg req. Formerly NUR 411.
 Examination of the relationship between the knowledge of nursing history and professionalism.

- 313 INTERNATIONAL NURSING STUDY** 1-3
NUR maj only; cons of Dean req. Formerly NUR 405.
 Clinical Experience in health related settings outside the United States.

- 315 TRANSCULTURAL NURSING STUDY** 1-3
NUR maj only; cons of Dean req. Formerly NUR 406.
 Clinical Experience in various culturally-diverse settings in the United States.

- 323 PARENT CHILD NURSING** 7 F, S
NUR 231, 233, 339; and NUR 235 or conc reg req. PSY 113 req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 436.

Nursing care of women, infants, children, and families during the childbearing/childrearing periods with emphasis on normal pregnancy and common complications, child development, and selected health problems of children.

- 325 ADULT NURSING III** 7 F, S
NUR 231, 233, 323, 329, 339; and NUR 235, 327 or conc reg req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 438.

Examination of biological, psychological, and social responses of complex acute care in emergent and rehabilitation settings.

- 327 MANAGEMENT AND LEADERSHIP DIMENSIONS OF PROFESSIONAL NURSING** 7 F, S
NUR 323, 329, 339; and NUR 325 or conc reg req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 440.

Exploration of professional nursing roles based upon management and leadership perspectives.

- 329 COMMUNITY HEALTH NURSING** 7 F, S
NUR 231, 233, 339; and NUR 235, 323 or conc reg; RN License req for NUR 223, 227, 235, 239; and NUR 237, 241, 339 or conc reg. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 442.

Community-based practice that emphasizes prevention strategies in the management of health care needs of individual families and aggregates in a variety of settings.

- 331 NURSING THERAPEUTICS ACROSS THE LIFE SPAN** 4 S
NUR maj only. RN license req.; NUR 223, 227, 235, 239; and NUR 237, 241, 339, or conc reg req. Formerly NUR 441.

Alternative therapies are emphasized. Research based nursing therapeutics to prevent, promote, and restore health for clients across the life span.

- 339 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING II** 2 F, S
NUR maj only. RN License req. NUR 239 or conc reg req. Formerly NUR 434.

Examination of the mechanisms and theories related to the development of disease and the pharmacodynamic effects of therapeutic drugs on the human body.

- 341 PROFESSIONAL NURSING LEADERSHIP DIMENSIONS: CAPSTONE EXPERIENCE** 5 S, Su
NUR maj only. RN license req.; NUR 329, 331 req.

Synthesize and apply knowledge of leadership concepts and theories in professional nursing roles. Various leadership roles are carried out in the practicum project.

Faculty Information

Faculty whose names appear in the department faculty lists were teaching at the University during the previous fall semester. Because of sabbatical leaves, temporary assignments, research projects, and other reasons, not all of these faculty will be teaching in the period covered by this catalog.

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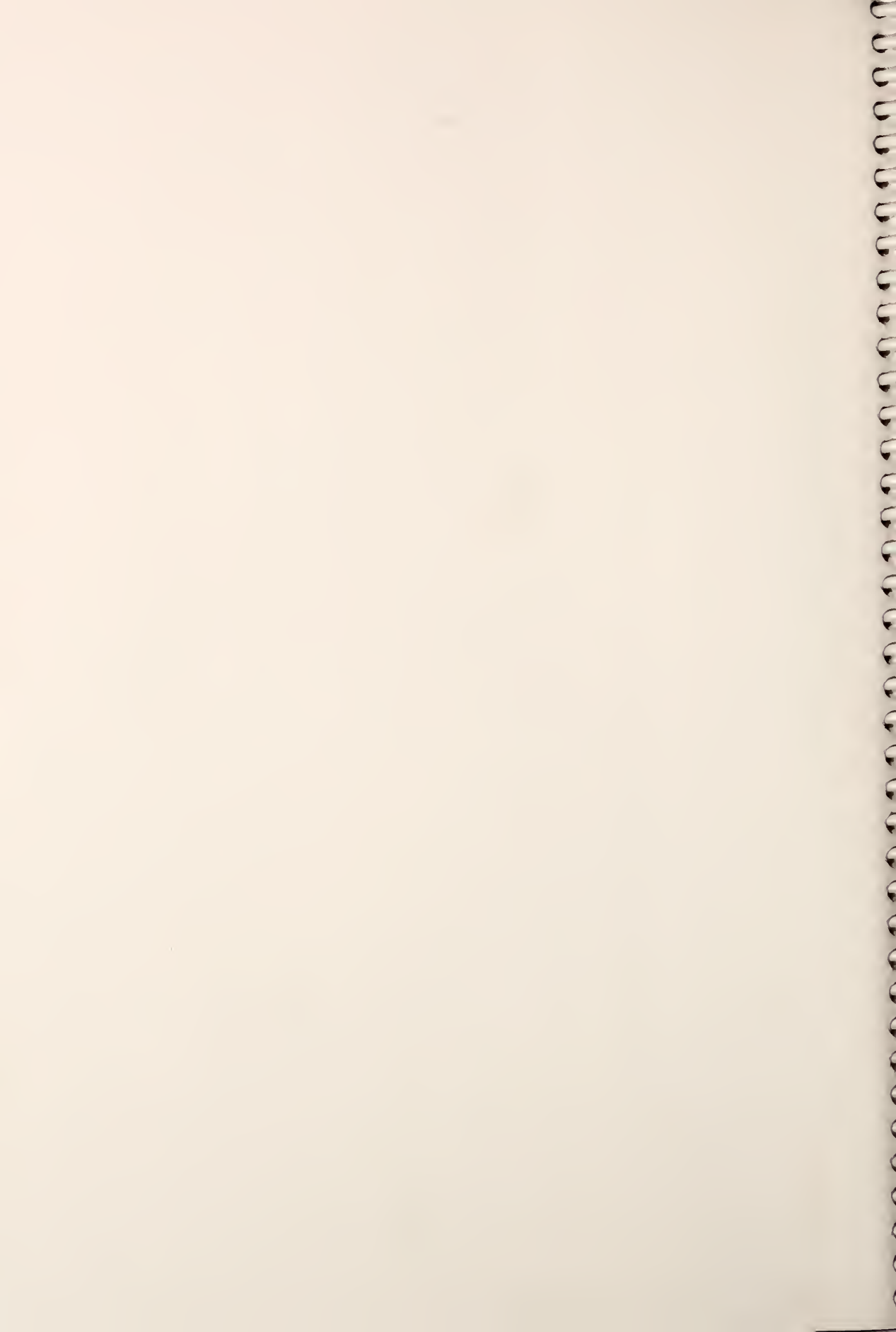
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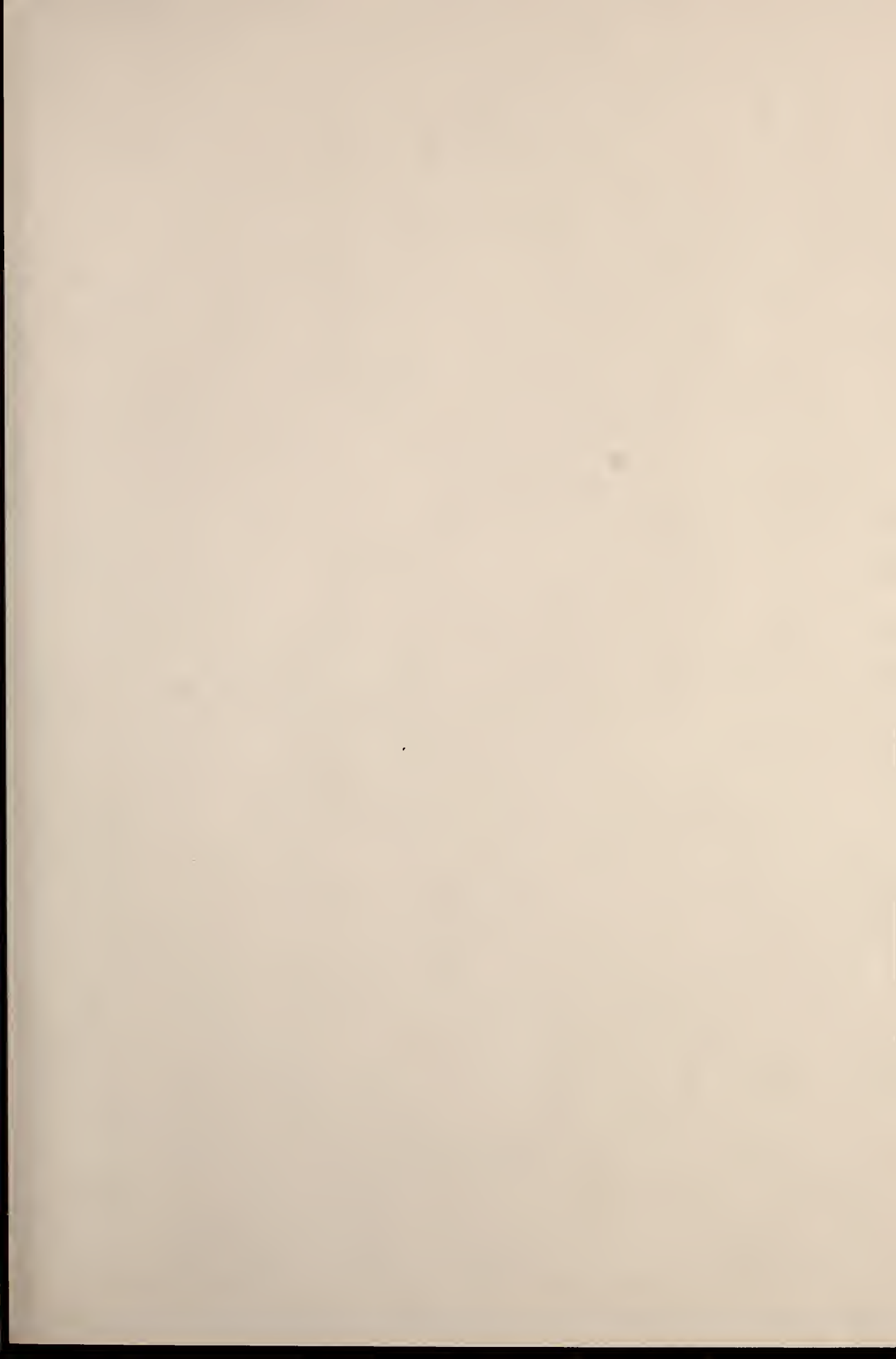
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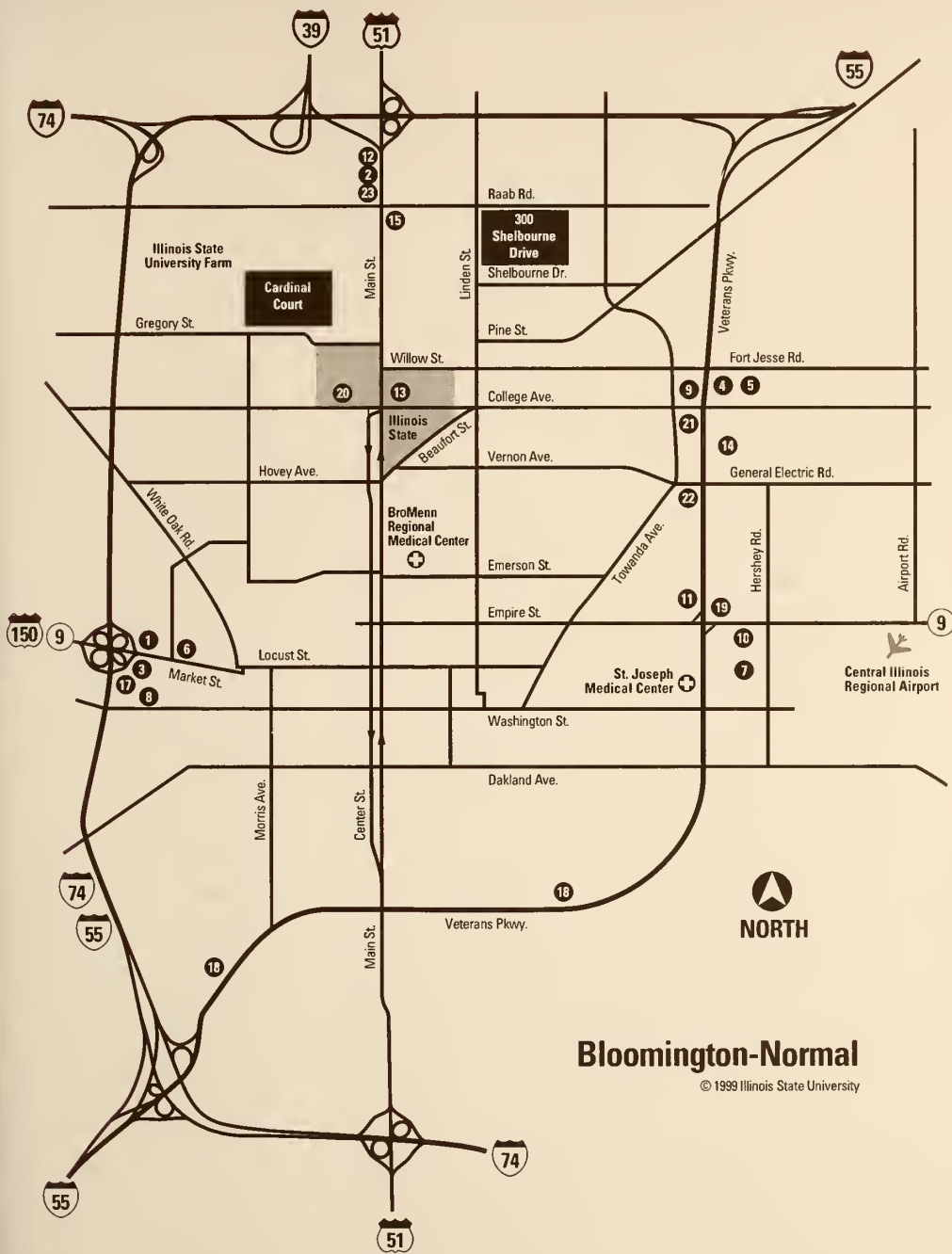
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